

**Factory Model and Test Data Descriptions:  
OPIS Experiments**

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### **Abstract**

This report defines a factory model and a set of experiments that can be used to compare alternative scheduling methods. The factory model defines parts, process plans, resources, and constraints. Multiple sets of test data are defined to test the scheduling algorithms under varying factory loadings. The model and test data are based on the ISIS/OPIS projects.

# 1 Introduction

The goal of this report is to define a factory model and a set of experiments that can be used to compare alternative scheduling methods. The model was originally created to provide a comparative analysis of the OPIS [4] [5] and ISIS [3] constraint directed scheduling systems and the COVERT dispatch rule[1]. The model is a simplification of the model used originally to test ISIS [2].

This report defines a *Job Shop* in terms of:

- Parts, including physical characteristics.
- Process plans composed of operations, precedence relations, and resource requirements.
- Resource descriptions, including labor machine ratios.
- Constraints covering due dates, work in process, machine restrictions, etc.

Twenty-two experiments are defined each containing orders composed of release dates, due dates, parts, quantity, and priority. Orders were statistically generated based on the parameters described in the latter sections.

The data described in this report is available online by sending email to [Mark.Fox@cs.cmu.edu](mailto:Mark.Fox@cs.cmu.edu).

# 2 Model Overview

The factory being modeled is a Turbine Component Plant. A turbine blade is a complex three dimensional object composed of two parts: root and airfoil. The root is designed to clamp the blade into the turbine shaft and the airfoil is to transform the kinetic energy of hot stream or air traveling on it into the rotational motion of the turbine. A blade as in figure 1 is produced by a sequence of forging, milling, grinding and finishing operations to tolerances of a thousandth of an inch. There are three types of blades: t blade, cse blade, and sse blade. (Short for T-shape, Curved Side Entry, and Straight Side Entry blades.) They differ in the operations and materials required to produce them.

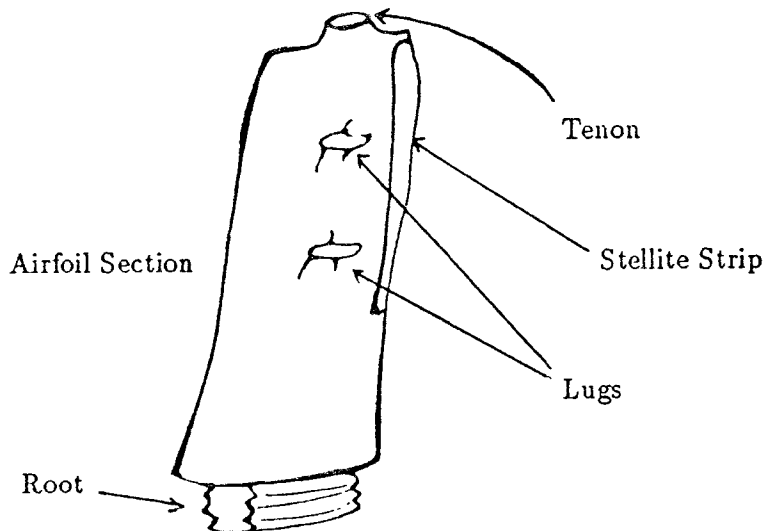


Figure 1: A Turbine Blade

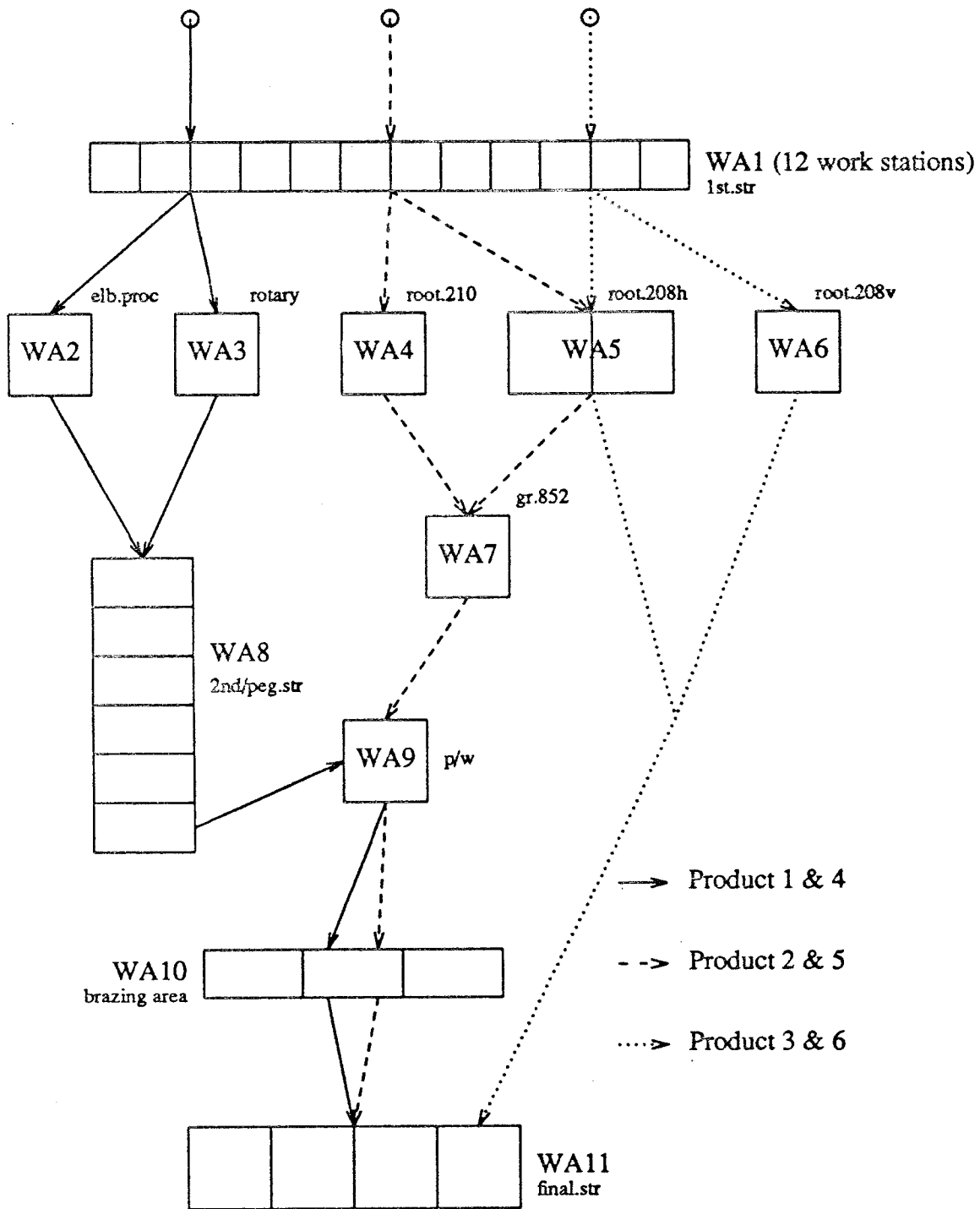


Figure 2: Jobshop Model

operation	set-up	piece
op-1.blade1	25200	1238
op-2a.blade1	49500	471
op-2b.blade1	59400	759
op-3.blade1	9000	1123
op-4.blade1	5400	162
op-5.blade1	10800	860
op-6.blade1	14400	658

Table 3: Time Table for *Produce-Pblade1*

### 3.2.2 Process plan for *Produce-Pblade2*:

Table 4 and 5 are the process plan and its time table for producing *Produce-Pblade2*, respectively.

operation	type	area	prev-operation	next-operation
op-1.blade2	ws-operation	1st.str	N/A	(or op-2a.blade2 op-2b.blade2)
op-2a.blade2	rooting	root.210	op-1.blade2	op-3.blade2
op-2b.blade2	rooting	root.208h	op-1.blade2	op-3.blade2
op-3.blade2	ws-operation	tapered-blade- area	(or op-2a.blade2 op-2b.blade2)	op-4.blade2
op-4.blade2	airfoil	airfoil-area	op-3.blade2	op-5.blade2
op-5.blade2	ws-operation	brazing area	op-4.blade2	op-6.blade2
op-6.blade2	ws-operation	final.str	op-5.blade2	N/A

Table 4: Process Plan For *Produce-Pblade2*

operation	set-up	piece
op-1.blade2	25200	957
op-2a.blade2	55800	2995
op-2b.blade2	55800	2995
op-3.blade2	16019	396
op-4.blade2	5400	205
op-5.blade2	10800	619
op-6.blade2	14400	468

Table 5: Time Table for *Produce-Pblade2*

### 3.2.3 Process plan for *Produce-Pblade3*:

Table 6 and 7 are the process plan and its time table for producing *Produce-Pblade3*, respectively.



operation	set-up	piece
op-1.blade4	25200	1238
op-2a.blade4	49500	471
op-2b.blade4	59400	759
op-3.blade4	9000	1123
op-4.blade4	5400	162
op-5.blade4	10800	860
op-6.blade4	14400	658

Table 9: Time Table for *Produce-Pblade4*

### 3.2.5 Process plan for *Produce-Pblade5*:

Table 10 and 11 are the process plan and its time table for producing *Produce-Pblade5*, respectively.

operation	type	area	prev-operation	next-operation
op-1.blade5	ws-operation	1st.str	N/A	(or op-2a.blade5 op-2b.blade5)
op-2a.blade5	rooting	root.210	op-1.blade5	op-3.blade5
op-2b.blade5	rooting	root.208h	op-1.blade5	op-3.blade5
op-3.blade5	ws-operation	tapered-blade- area	(or op-2a.blade5 op-2b.blade5)	op-4.blade5
op-4.blade5	airfoil	p/w	op-3.blade5	op-5.blade5
op-5.blade5	ws-operation	brazing area	op-4.blade5	op-6.blade5
op-6.blade5	ws-operation	final.str	op-5.blade5	N/A

Table 10: Process Plan for *Produce-Pblade5*

operation	set-up	piece
op-1.blade5	25200	957
op-2a.blade5	55800	2995
op-2b.blade5	55800	2995
op-3.blade5	16019	396
op-4.blade5	5400	205
op-5.blade5	10800	619
op-6.blade5	14400	468

Table 11: Time Table for *Produce-Pblade5*

### 3.2.6 Process plan for *Produce-Pblade6*:

Table 12 and 13 are the process plan and its time table for producing *Produce-Pblade6*, respectively.

machine	area	description	constraints
str-1a	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1b	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1c	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1d	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1e	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1f	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1g	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1h	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1i	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1j	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1k	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
str-1l	1st.str (WA1)	first straightening w/s	1st.str-shift-constraint
elb.a.proc	elb.a.proc (WA2)	elb form grinder A	elb-a-shift-constraint
rotary	rooting-area (WA3)	rotary 8 station mill	rotary-shift-constraint
r210a	root.210 (WA4)	XLO 210 A rooting machine	r210a-shift-constraint
r208c	root.208h (WA5)	XLO 208 C rooting machine	r208c-shift-constraint
r208h	root.208h (WA5)	XLO 208 H rooting machine	r208h-shift-constraint
r208-9	root.208v (WA6)	XLO 208 9 rooting machine	r208-9-shift-constraint
gr.852	tapered-blade-area (WA7)	XLO 852 root grinder	gr.852-shift-constraint
str-2a	2nd/peg.str (WA8)	second straightening w/s	2nd/peg.str-shift-constraint
str-2b	2nd/peg.str (WA8)	second straightening w/s	2nd/peg.str-shift-constraint
str-2c	2nd/peg.str (WA8)	second straightening w/s	2nd/peg.str-shift-constraint
str-2d	2nd/peg.str (WA8)	second straightening w/s	2nd/peg.str-shift-constraint
str-2e	2nd/peg.str (WA8)	second straightening w/s	2nd/peg.str-shift-constraint
str-2f	2nd/peg.str (WA8)	second straightening w/s	2nd/peg.str-shift-constraint
p/w	airfoil-area (WA9)	Pratt Whitney wolverine	p/w-shift-constraint
brazer-a	brazing-area (WA10)	induction brazer 1	brazer-a-shift-constraint
brazer-b	brazing-area (WA10)	induction brazer 2	brazer-b-shift-constraint
brazer-c	brazing-area (WA10)	induction brazer 3	brazer-c-shift-constraint
str-3a	final.str (WA11)	final straightening w/s	final-shift-constraint
str-3b	final.str (WA11)	final straightening w/s	final-shift-constraint
str-3c	final.str (WA11)	final straightening w/s	final-shift-constraint
str-3d	final.str (WA11)	final straightening w/s	final-shift-constraint

Table 14: Machines in OPIS Factory Model

## 4 Experiments

The experiments were designed, primarily, to focus on three scheduling objectives:

- Minimize total tardiness cost of all orders.
- Minimize the total number of setups to be performed at each machine.
- Minimize the work-in-process time (wip) of orders.

Tardiness cost is computed based on the relative tardy costs per day late. Work-in-process time refers to the length of time an order remains in the shop, assuming that it enters the shop only when it is scheduled to begin processing, not when it is first released to the shop.<sup>2</sup> Order release time refers to the earliest possible time an order may start.

The characteristics of the orders were varied by manipulating the following parameters.

*Product Mix.* The probability of an order being for a particular product type is a variable. Two probability distributions were used, PM1 and PM2, shown in the Table 15:

The probability distributions were designed so that the resulting loads on the bottleneck machines would be approximately equal. Products 1 and 4 take proportionately shorter time relative to available capacity than the other products, hence more of those orders would be processed in a fixed period of time.

*Priority class.* An order can be assigned to one of six priority classes with equal probability of being in each class, as in Table 16:

<sup>2</sup>This is generalizable to the case where the order has to enter the shop (say, in the form of raw materials) some constant period of time before processing starts.

of tardy orders low.

#### 4.1 Experiment Generation Parameters

This section summarizes the different parameter settings for generating the order sets. Each parameter setting creates an order set belonging to a particular order category, which is identified by a number in the *Category* column. 22 order sets were created covering 18 categories. Two order sets were created for certain categories. The load of the shop was affected by the product mix, order release pattern times and batchsize together. The order lead time distribution was the strongest influence over the *tardiness factor* of the schedule[6]. The tardiness factor is a coarse measure of the proportion of tardy jobs in a random schedule. The four variables were manipulated to examine how the three systems would perform under varying conditions of our model shop. Two of the tests are comprised of 85 orders. All others have 120 orders [See Table 18].

Category	Product mix	Batchsize	Release	Leadtime	Approx. Load
1	PM1	U(0,8)	Daily	U(0, 4P..20P)	120%
2	PM1	U(0,8)	Daily	U(0, 4P..8P)	120%
3	PM2	U(0,15)	Exp(3)	U(0,4P..8P)	105%
4	PM2	U(0,15)	Exp(3)	U(0.67P, 5P)	105%
5	PM1	U(0,29)	Weekly	U(0, 4P..8P)	90%
6	PM2	U(0,29)	Weekly	U(0, 4P..8P)	90%
7	PM2	U(0,29)	Weekly	U(0, 4P)	90%
8	PM1	U(0,29)	Weekly	U(0, 4P)	90%
9	PM1	U(0,29)	Exp(7)	U(0, 4P..8P)	90%
10	PM1	U(0,29)	Exp(7)	U(0.67P, 5P)	90%
11	PM2	U(0,11)	Exp(3)	U(0, 4P..8P)	77%
12	PM2	U(0,11)	Exp(3)	U(0.67P, 5P)	77%
13	PM1	U(0,22)	Weekly	U(0, 4P..8P)	70%
14	PM2	U(0,22)	Weekly	U(0, 4P..8P)	70%
15	PM1	U(0,22)	Weekly	U(0.67P, 5P)	70%
16	PM2	U(0,22)	Weekly	U(0.67P, 5P)	70%
17	PM1	U(0,22)	Exp(7)	U(0, 4P..8P)	70%
18	PM1	U(0,22)	Exp(7)	U(0.67P, 5P)	70%

Table 18: Experiment Generator by Categories

#### 4.2 Experiments

This section defines each experiment. The 22 experiments relate to each of the categories defined earlier as in Table 19:

The order generator would take input in the order.init file<sup>3</sup> as in the following program example:

```
(weekly-orders 120 ; total number of lots
  "2/18/85 8:00:00" ; start & Date of first batch, Mon& Day 8 a.m.
  '(FO CR SD SO SH ST) ; acceptable priority classes
  1 ; lead time factor
  29 ; max. batch size => mean size = 4 orders
  '(50 54 66 84 96 100) ; 50 : 4 : 12 : 18 : 12 : 4
)
```

<sup>3</sup>file /test-series6/orders-db/order.init under the directory /usr/isis/3/isis-test/pso-exps

4.2.1 Test-series1

###	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	
1	mo-00133	ST P_blade1	142	0:00 03-04-85	19:12 06-25-85	61	mo-00119	FO P_blade1	139	0:00 03-01-85	4:37 03-13-85
2	mo-00085	ST P_blade1	120	0:00 02-26-85	5:11 06-22-85	62	mo-00111	CR P_blade1	124	0:00 02-28-85	14:05 03-04-85
3	mo-00151	ST P_blade1	117	0:00 03-07-85	3:16 06-14-85	63	mo-00097	CR P_blade1	102	0:00 02-26-85	0:58 03-20-85
4	mo-00059	SH P_blade1	126	0:00 02-20-85	10:47 06-03-85	64	mo-00039	CR P_blade2	114	0:00 02-18-85	9:04 03-17-85
5	mo-00173	SH P_blade1	141	0:00 03-11-85	20:53 06-01-85	65	mo-00013	CR P_blade3	104	0:00 02-14-85	1:18 03-13-85
6	mo-00103	SH P_blade1	115	0:00 02-27-85	0:51 05-27-85	66	mo-00069	SO P_blade3	124	0:00 02-22-85	7:18 03-11-85
7	mo-00125	SH P_blade1	121	0:00 03-01-85	3:46 05-12-85	67	mo-00091	SO P_blade3	142	0:00 02-26-85	10:44 03-03-85
8	mo-00077	SH P_blade3	103	0:00 02-25-85	7:16 05-17-85	68	mo-00079	SD P_blade1	137	0:00 02-25-85	10:03 02-26-85
9	mo-00109	SO P_blade1	124	0:00 02-28-85	9:33 05-10-85	69	mo-00095	CR P_blade1	100	0:00 02-26-85	2:41 03-04-85
10	mo-00165	SO P_blade1	126	0:00 03-08-85	7:29 05-03-85	70	mo-00045	SD P_blade3	121	0:00 02-19-85	11:45 02-24-85
11	mo-00127	SO P_blade1	146	0:00 03-04-85	5:39 05-01-85	71	mo-00055	SO P_blade1	136	0:00 02-20-85	6:45 02-26-85
12	mo-00179	SD P_blade3	103	0:00 03-11-85	20:51 05-06-85	72	mo-00041	FO P_blade3	115	0:00 02-19-85	12:56 02-20-85
13	mo-00135	SD P_blade1	105	0:00 03-05-85	6:57 04-26-85	73	mo-00027	FO P_blade2	129	0:00 02-15-85	23:26 03-15-85
14	mo-00061	ST P_blade2	108	0:00 02-20-85	20:44 06-14-85	74	mo-00049	FO P_blade1	123	0:00 02-19-85	22:52 03-16-85
15	mo-00175	SD P_blade1	117	0:00 03-11-85	11:08 04-25-85	75	mo-00051	SD P_blade1	101	0:00 02-19-85	12:24 03-24-85
16	mo-00089	SO P_blade2	108	0:00 02-26-85	15:52 04-12-85	76	mo-00053	FO P_blade1	115	0:00 02-19-85	8:29 03-15-85
17	mo-00145	ST P_blade1	130	0:00 03-06-85	9:17 04-23-85	77	mo-00043	SD P_blade1	103	0:00 02-19-85	22:48 02-26-85
18	mo-00163	SO P_blade3	126	0:00 03-08-85	6:48 04-09-85	78	mo-00047	SD P_blade1	121	0:00 02-19-85	1:36 03-02-85
19	mo-00075	SO P_blade1	144	0:00 02-22-85	3:13 04-23-85	79	mo-00037	CR P_blade1	128	0:00 02-18-85	17:19 02-23-85
20	mo-00073	ST P_blade2	138	0:00 02-22-85	16:25 04-10-85	80	mo-00019	CR P_blade1	142	0:00 02-14-85	8:27 03-02-85
21	mo-00143	CR P_blade2	100	0:00 03-06-85	2:06 04-12-85	81	mo-00033	SD P_blade1	123	0:00 02-15-85	22:40 02-27-85
22	mo-00161	CR P_blade1	148	0:00 03-08-85	22:27 04-18-85	82	mo-00035	FO P_blade1	137	0:00 02-15-85	10:45 02-20-85
23	mo-00141	SO P_blade1	116	0:00 03-06-85	19:35 04-18-85	83	mo-00011	CR P_blade1	122	0:00 02-14-85	8:55 02-27-85
24	mo-00087	SO P_blade3	140	0:00 02-26-85	15:59 03-29-85	84	mo-00029	FO P_blade1	103	0:00 02-15-85	1:37 02-20-85
25	mo-00057	CR P_blade3	122	0:00 02-20-85	15:43 04-02-85	85	mo-00023	CR P_blade1	106	0:00 02-14-85	3:39 02-16-85
26	mo-00169	CR P_blade1	108	0:00 03-08-85	12:38 04-16-85						
27	mo-00147	SO P_blade1	138	0:00 03-06-85	3:37 04-12-85						
28	mo-00139	CR P_blade3	136	0:00 03-06-85	21:54 03-31-85						
29	mo-00155	CR P_blade2	116	0:00 03-08-85	6:40 03-28-85						
30	mo-00063	SD P_blade1	115	0:00 02-21-85	9:30 04-10-85						
31	mo-00083	CR P_blade1	144	0:00 02-26-85	8:02 04-10-85						
32	mo-00081	SH P_blade3	101	0:00 02-25-85	20:33 03-18-85						
33	mo-00015	CR P_blade3	138	0:00 02-14-85	3:44 03-25-85						
34	mo-00167	ST P_blade1	118	0:00 03-08-85	18:30 04-08-85						
35	mo-00017	SO P_blade1	132	0:00 02-14-85	19:30 04-07-85						
36	mo-00123	FO P_blade2	143	0:00 03-01-85	13:09 03-27-85						
37	mo-00117	FO P_blade3	147	0:00 03-01-85	6:12 03-21-85						
38	mo-00171	SD P_blade1	103	0:00 03-11-85	15:20 04-07-85						
39	mo-00025	SO P_blade3	146	0:00 02-14-85	19:54 03-13-85						
40	mo-00031	SD P_blade1	127	0:00 02-15-85	17:43 04-07-85						
41	mo-00107	SH P_blade1	101	0:00 02-27-85	6:28 04-03-85						
42	mo-00159	CR P_blade2	104	0:00 03-08-85	11:52 03-08-85						
43	mo-00105	SH P_blade1	109	0:00 02-27-85	21:03 04-02-85						
44	mo-00177	SD P_blade1	145	0:00 03-11-85	11:15 03-11-85						
45	mo-00067	SO P_blade1	106	0:00 02-22-85	4:49 04-02-85						
46	mo-00115	FO P_blade2	121	0:00 03-01-85	22:07 03-19-85						
47	mo-00071	ST P_blade1	104	0:00 02-22-85	1:21 04-01-85						
48	mo-00137	CR P_blade2	110	0:00 03-06-85	15:37 03-07-85						
49	mo-00021	SO P_blade3	100	0:00 02-14-85	5:34 03-08-85						
50	mo-00149	SD P_blade1	105	0:00 03-07-85	15:23 03-26-85						
51	mo-00157	CR P_blade1	114	0:00 03-08-85	1:13 03-10-85						
52	mo-00121	FO P_blade1	113	0:00 03-01-85	5:16 03-26-85						
53	mo-00153	FO P_blade1	119	0:00 03-07-85	3:19 03-17-85						
54	mo-00131	CR P_blade1	132	0:00 03-04-85	4:18 03-26-85						
55	mo-00101	FO P_blade3	133	0:00 02-27-85	16:59 03-08-85						
56	mo-00065	SO P_blade2	112	0:00 02-22-85	11:25 03-21-85						
57	mo-00059	SD P_blade1	105	0:00 02-27-85	22:42 03-25-85						
58	mo-00129	CR P_blade1	142	0:00 03-04-85	18:46 03-07-85						
59	mo-00093	CR P_blade2	124	0:00 02-26-85	9:39 03-04-85						
60	mo-00113	FO P_blade1	143	0:00 03-01-85	7:19 03-25-85						

4.2.3 Test-series3

###	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	
1	mo-00227	SH P_blade5	117	0:00 03-20-85	3:16 05-18-85	61	mo-00167	SD P_blade4	149	0:00 03-08-85	7:57 04-03-85
2	mo-00247	ST P_blade1	148	0:00 03-21-85	6:23 03-19-85	62	mo-00239	SD P_blade1	123	0:00 03-20-85	22:47 04-03-85
3	mo-00217	SH P_blade5	117	0:00 03-18-85	2:03 05-16-85	63	mo-00193	FO P_blade1	147	0:00 03-14-85	6:12 04-03-85
4	mo-00235	SH P_blade5	149	0:00 03-20-85	12:59 05-08-85	64	mo-00111	SO P_blade4	128	0:00 03-01-85	13:49 03-31-85
5	mo-00241	SO P_blade1	126	0:00 03-21-85	7:29 05-16-85	65	mo-00147	FO P_blade1	147	0:00 03-06-85	0:03 04-03-85
6	mo-00203	SO P_blade2	146	0:00 03-15-85	5:39 05-12-85	66	mo-00155	SD P_blade4	137	0:00 03-08-85	10:03 03-29-85
7	mo-00231	SD P_blade3	109	0:00 03-20-85	20:57 05-03-85	67	mo-00229	FO P_blade1	119	0:00 03-20-85	3:19 03-30-85
8	mo-00185	SO P_blade1	124	0:00 03-13-85	9:33 05-08-85	68	mo-00101	SO P_blade3	146	0:00 02-27-85	19:54 03-26-85
9	mo-00213	SD P_blade1	105	0:00 03-18-85	2:16 05-06-85	69	mo-00205	CR P_blade3	142	0:00 03-15-85	18:46 03-18-85
10	mo-00197	ST P_blade1	128	0:00 03-15-85	3:49 04-27-85	70	mo-00163	FO P_blade3	131	0:00 03-08-85	19:01 04-01-85
11	mo-00133	CR P_blade6	122	0:00 03-05-85	15:43 04-15-85	71	mo-00219	FO P_blade1	111	0:00 03-18-85	14:35 03-24-85
12	mo-00249	SH P_blade3	141	0:00 03-22-85	19:53 04-13-85	72	mo-00121	SD P_blade4	121	0:00 03-04-85	11:45 03-29-85
13	mo-00137	ST P_blade1	108	0:00 03-05-85	20:44 04-28-85	73	mo-00109	CR P_blade4	128	0:00 03-01-85	0:14 03-30-85
14	mo-00245	CR P_blade1	108	0:00 03-21-85	13:38 04-29-85	74	mo-00221	SD P_blade4	107	0:00 03-18-85	11:54 03-28-85
15	mo-00223	SO P_blade2	138	0:00 03-19-85	3:37 04-25-85	75	mo-00211	CR P_blade4	144	0:00 03-15-85	19:07 03-18-85
16	mo-00201	SO P_blade6	128	0:00 03-15-85	5:16 04-11-85	76	mo-00059	SO P_blade4	126	0:00 02-21-85	19:53 03-27-85
17	mo-00199	ST P_blade4	142	0:00 03-15-85	5:20 05-11-85	77	mo-00195	FO P_blade4	139	0:00 03-14-85	4:37 03-26-85
18	mo-00159	SH P_blade4	127	0:00 03-08-85	7:56 03-17-85	78	mo-00157	SH P_blade5	101	0:00 03-08-85	20:33 03-09-85
19	mo-00175	ST P_blade4	148	0:00 03-11-85	11:39 04-23-85	79	mo-00031	SO P_blade4	132	0:00 02-15-85	14:43 03-26-85
20	mo-00071	SH P_blade1	125	0:00 02-22-85	10:05 04-19-85	80	mo-00187	CR P_blade4	102	0:00 03-13-85	14:05 03-17-85
21	mo-00051	SH P_blade4	123	0:00 02-20-85	16:40 03-31-85	81	mo-00131	SO P_blade5	136	0:00 03-05-85	6:45 03-11-85
22	mo-00039	ST P_blade3	142	0:00 02-19-85	20:42 04-08-85	82	mo-00177	FO P_blade4	133	0:00 03-12-85	16:59 03-21-85
23	mo-00233	SH P_blade1	149	0:00 03-20-85	4:50 04-06-85	83	mo-00061	CR P_blade6	110	0:00 02-21-85	3:58 03-19-85
24	mo-00149	SH P_blade4	115	0:00 03-06-85	14:01 03-19-85	84	mo-00153	CR P_blade3	124	0:00 03-07-85	15:29 03-10-85
25	mo-00025	SO P_blade6	140	0:00 02-15-85	8:31 04-06-85	85	mo-00169	CR P_blade1	124	0:00 03-11-85	9:39 03-17-85
26	mo-00151	SO P_blade1	144	0:00 03-07-85	3:13 04-21-85	86	mo-00171	CR P_blade4	100	0:00 03-11-85	2:41 03-17-85
27	mo-00085	SH P_blade6	112	0:00 03-13-85	21:09 04-08-85	87	mo-00125	ST P_blade1	130	0:00 03-05-85	16:58 03-28-85
28	mo-00085	SH P_blade1	103	0:00 02-26-85	12:16 04-17-85	88	mo-00115	CR P_blade4	114	0:00 03-01-85	9:04 03-28-85
29	mo-00069	SH P_blade4	111	0:00 02-22-85	16:03 02-26-85	89	mo-00129	SO P_blade6	128	0:00 03-05-85	5:04 03-06-85
30	mo-00139	CR P_blade5	122	0:00 03-03-85	18:40 04-18-85	90	mo-00033	SH P_blade1	145	0:00 02-18-85	0:10 03-09-85
31	mo-00119	SD P_blade1	103	0:00 03-04-85	22:48 04-20-85	91	mo-00107	CR P_blade6	142	0:00 03-01-85	23:37 03-07-85
32	mo-00179	CR P_blade4	130	0:00 03-13-85	3:49 04-24-85	92	mo-00145	FO P_blade4	143	0:00 03-06-85	7:37 03-09-85
33	mo-00041	SO P_blade1	126	0:00 02-19-85	9:18 04-18-85	93	mo-00079	ST P_blade1	144	0:00 02-25-85	10:47 03-24-85
34	mo-00135	ST P_blade1	126	0:00 03-05-85	9:47 04-17-85	94	mo-00065	SO P_blade5	132	0:00 02-21-85	7:59 03-18-85
35	mo-00127	ST P_blade4	146	0:00 03-05-85	15:24 04-17-85	95	mo-00141	FO P_blade1	111	0:00 03-06-85	21:05 03-26-85
36	mo-00021	SD P_blade3	149	0:00 02-14-85	19:53 03-29-85	96	mo-00073	SD P_blade4	131	0:00 02-22-85	22:19 03-26-85
37	mo-00089	SH P_blade3	123	0:00 02-26-85	8:27 04-02-85	97	mo-00037	SO P_blade1	140	0:00 02-19-85	0:26 03-23-85
38	mo-00047	SH P_blade1	143	0:00 02-20-85	2:03 03-20-85	98	mo-00105	FO P_blade6	103	0:00 02-28-85	1:37 03-05-85
39	mo-00173	CR P_blade6	124	0:00 03-11-85	0:58 04-02-85	99	mo-00117	ST P_blade4	112	0:00 03-01-85	11:56 03-04-85
40	mo-00143	SH P_blade4	105	0:00 03-06-85	0:39 03-08-85	100	mo-00029	CR P_blade1	142	0:00 02-15-85	10:29 03-23-85
41	mo-00165	SD P_blade1	105	0:00 03-08-85	23:05 04-16-85	101	mo-00113	CR P_blade1	128	0:00 03-01-85	17:19 03-06-85
42	mo-00191	FO P_blade3	121	0:00 03-14-85	22:07 04-01-85	102	mo-00099	CR P_blade3	106	0:00 02-27-85	3:39 03-01-85
43	mo-00043	ST P_blade4	134	0:00 02-19-85	3:18 04-12-85	103	mo-00097	SO P_blade4	100	0:00 02-27-85	5:34 03-21-85
44	mo-00053	SO P_blade1	138	0:00 02-21-85	12:51 04-13-85	104	mo-00103	ST P_blade1	102	0:00 02-27-85	11:39 03-08-85
45	mo-00181	CR P_blade5	112	0:00 03-13-85	8:06 04-12-85	105	mo-00045	CR P_blade5	146	0:00 02-19-85	13:39 03-22-85
46	mo-00237	SH P_blade1	133	0:00 03-20-85	14:53 04-09-85	106	mo-00035	ST P_blade5	148	0:00 02-19-85	17:55 03-01-85
47	mo-00123	SD P_blade4	121	0:00 03-04-85	1:36 04-14-85	107	mo-00095	SD P_blade1	101	0:00 02-26-85	7:27 03-17-85
48	mo-00161	SH P_blade1	137	0:00 03-08-85	17:44 04-03-85	108	mo-00087	FO P_blade1	113	0:00 02-26-85	16:22 03-15-85
49	mo-00083	SD P_blade4	125	0:00 02-26-85	21:17 04-09-85	109	mo-00091	FO P_blade4	141	0:00 02-26-85	15:32 02-27-85
50	mo-00011	SH P_blade1	115	0:00 02-14-85	15:54 03-24-85	110	mo-00049	FO P_blade2	143	0:00 02-20-85	23:50 02-26-85
51	mo-00063	CR P_blade2	140	0:00 02-21-85	17:34 04-10-85	111	mo-00093	SD P_blade1	145	0:00 02-26-85	23:46 02-28-85
52	mo-00189	CR P_blade1	140	0:00 03-13-85	10:01 04-10-85	112	mo-00077	SD P_blade3	109	0:00 02-22-85	7:40 03-02-85
53	mo-00215	SD P_blade4	121	0:00 03-18-85	10:50 04-09-85	113	mo-00013	SD P_blade1	125	0:00 02-14-85	10:21 03-14-85
54	mo-00243	ST P_blade2	118	0:00 03-21-85	18:30 03-22-85	114	mo-00075	FO P_blade1	139	0:00 02-22-85	10:27 02-23-85
55	mo-00055	SO P_blade3	146	0:00 02-21-85	6:46 03-30-85	115	mo-00057	ST P_blade4	134	0:00 02-21-85	18:15 02-27-85
56	mo-00209	ST P_blade1	142	0:00 03-15-85	18:12 04-07-85	116	mo-00067	CR P_blade4	116	0:00 02-21-85	4:05 03-09-85
57	mo-00207	CR P_blade4	132	0:00 03-15-85	4:18 04-06-85	117	mo-00023	FO P_blade2	139	0:00 02-14-85	20:32 02-26-85
58	mo-00081	SO P_blade1	128	0:00 02-25-85	8:11 04-05-85	118	mo-00027	ST P_blade2	102	0:00 02-15-85	10:02 02-25-85
59	mo-00015	SD P_blade2	103	0:00 02-14-85	2:36 04-02-85	119	mo-00017	SH P_blade4	145	0:00 02-14-85	1:35 03-16-85
60	mo-00225	ST P_blade1	136	0:00 03-19-85	22:45 03-29-85	120	mo-00019	FO P_blade4	127	0:00 02-14-85	0:46 02-27-85

4.2.5 Test-series

###	Lot PC	Product	Rqst-SD	Rqst-DD	MSQ	Lot PC	Product	Rqst-SD	Rqst-DD	MSQ
1	mo-00219	SO P_blade5	8:00 04-08-85	9:50 06-01-85	148	61	mo-00183	SO P_blade1	8:00 03-25-85	134
2	mo-00249	CR P_blade3	8:00 04-22-85	12:33 06-02-85	120	62	mo-00163	SO P_blade3	8:00 03-25-85	136
3	mo-00235	SO P_blade4	8:00 04-22-85	1:43 06-01-85	130	63	mo-00081	SO P_blade1	8:00 03-11-85	118
4	mo-00227	SH P_blade4	8:00 04-15-85	2:16 05-23-85	143	64	mo-00091	SO P_blade2	8:00 03-11-85	120
5	mo-00251	CR P_blade4	8:00 04-22-85	2:23 05-16-85	136	65	mo-00049	SD P_blade5	8:00 03-04-85	105
6	mo-00157	SO P_blade3	8:00 03-25-85	1:50 05-01-85	132	66	mo-00179	CR P_blade1	8:00 03-25-85	134
7	mo-00253	FO P_blade3	9:00 04-29-85	18:37 05-03-85	107	67	mo-00103	ST P_blade1	8:00 03-11-85	106
8	mo-00133	SH P_blade5	8:00 03-18-85	2:30 05-11-85	135	68	mo-00173	ST P_blade1	8:00 03-25-85	126
9	mo-00243	SO P_blade4	8:00 04-22-85	4:36 05-14-85	100	69	mo-00165	SO P_blade1	8:00 03-25-85	142
10	mo-00169	SO P_blade2	8:00 03-25-85	19:54 04-27-85	142	70	mo-00141	SD P_blade3	8:00 03-18-85	139
11	mo-00247	SH P_blade1	8:00 04-22-85	6:23 05-12-85	134	71	mo-00153	ST P_blade4	8:00 03-25-85	108
12	mo-00229	ST P_blade1	8:00 04-15-85	19:10 05-25-85	109	72	mo-00187	SO P_blade1	8:00 03-25-85	110
13	mo-00245	SO P_blade1	8:00 04-22-85	5:43 05-13-85	146	73	mo-00177	CR P_blade4	8:00 03-25-85	128
14	mo-00239	ST P_blade1	8:00 04-22-85	9:31 05-23-85	105	74	mo-00079	SO P_blade1	8:00 03-11-85	106
15	mo-00207	SD P_blade6	8:00 04-01-85	14:35 04-28-85	105	75	mo-00083	ST P_blade5	8:00 03-11-85	114
16	mo-00211	SH P_blade3	8:00 04-01-85	18:44 04-22-85	125	76	mo-00135	FO P_blade6	8:00 03-18-85	103
17	mo-00189	SD P_blade1	8:00 04-01-85	4:15 05-17-85	141	77	mo-00119	FO P_blade1	8:00 03-18-85	127
18	mo-00241	ST P_blade1	8:00 04-22-85	14:57 05-10-85	118	78	mo-00011	SO P_blade4	8:00 03-11-85	106
19	mo-00181	ST P_blade1	8:00 03-25-85	22:12 05-16-85	102	79	mo-00015	SO P_blade4	8:00 03-11-85	103
20	mo-00233	SH P_blade2	8:00 04-15-85	18:49 04-26-85	134	80	mo-00125	FO P_blade1	8:00 03-18-85	103
21	mo-00175	ST P_blade1	8:00 03-25-85	9:55 05-15-85	134	81	mo-00097	SO P_blade4	8:00 03-11-85	118
22	mo-00223	SH P_blade1	8:00 04-15-85	23:04 05-08-85	127	82	mo-00137	SD P_blade3	8:00 03-18-85	101
23	mo-00145	SH P_blade1	8:00 03-18-85	5:58 05-03-85	129	83	mo-00149	SD P_blade4	8:00 03-18-85	133
24	mo-00057	SH P_blade1	8:00 03-04-85	1:06 04-30-85	125	84	mo-00143	SD P_blade1	8:00 03-18-85	133
25	mo-00231	FO P_blade5	8:00 04-15-85	14:07 04-22-85	131	85	mo-00123	SH P_blade4	8:00 03-18-85	113
26	mo-00237	SO P_blade4	8:00 04-22-85	18:10 04-22-85	102	86	mo-00087	ST P_blade6	8:00 03-11-85	120
27	mo-00185	ST P_blade1	8:00 03-25-85	0:04 05-01-85	142	87	mo-00139	FO P_blade1	8:00 03-18-85	113
28	mo-00161	ST P_blade1	8:00 03-25-85	12:14 04-22-85	112	88	mo-00085	CR P_blade2	8:00 03-11-85	144
29	mo-00131	SD P_blade5	8:00 03-18-85	17:47 04-26-85	147	89	mo-00121	FO P_blade1	8:00 03-18-85	105
30	mo-00151	CR P_blade1	8:00 03-25-85	2:28 05-06-85	142	90	mo-00111	ST P_blade2	8:00 03-11-85	128
31	mo-00191	SD P_blade1	8:00 04-01-85	0:18 05-03-85	121	91	mo-00111	ST P_blade1	8:00 03-11-85	146
32	mo-00093	SO P_blade5	8:00 03-11-85	7:38 04-22-85	120	92	mo-00053	SD P_blade5	8:00 03-04-85	143
33	mo-00197	SH P_blade1	8:00 04-01-85	8:38 04-27-85	141	93	mo-00089	CR P_blade1	8:00 03-11-85	144
34	mo-00167	SO P_blade1	8:00 03-25-85	12:29 04-30-85	114	94	mo-00101	ST P_blade1	8:00 03-11-85	102
35	mo-00075	SH P_blade3	8:00 03-04-85	2:15 04-26-85	133	95	mo-00077	CR P_blade1	8:00 03-11-85	128
36	mo-00215	FO P_blade6	8:00 04-01-85	2:26 04-19-85	125	96	mo-00069	SD P_blade3	8:00 03-04-85	109
37	mo-00225	SD P_blade4	8:00 04-15-85	10:42 05-20-85	139	97	mo-00105	SO P_blade4	8:00 03-11-85	136
38	mo-00109	ST P_blade1	8:00 03-11-85	13:04 04-27-85	126	98	mo-00095	SO P_blade1	8:00 03-11-85	104
39	mo-00147	SD P_blade1	8:00 03-18-85	17:17 04-27-85	123	99	mo-00041	FO P_blade2	8:00 03-04-85	147
40	mo-00217	SH P_blade3	8:00 04-01-85	9:06 04-02-85	149	100	mo-00071	SD P_blade2	8:00 03-04-85	141
41	mo-00171	SO P_blade1	8:00 03-25-85	7:10 04-29-85	126	101	mo-00045	FO P_blade5	8:00 03-04-85	125
42	mo-00201	SD P_blade2	8:00 04-01-85	22:55 04-21-85	131	102	mo-00047	SD P_blade1	8:00 03-04-85	123
43	mo-00067	SH P_blade1	8:00 03-04-85	1:18 04-26-85	125	103	mo-00065	SD P_blade1	8:00 03-04-85	101
44	mo-00107	ST P_blade3	8:00 03-11-85	6:37 04-10-85	138	104	mo-00059	SD P_blade3	8:00 03-04-85	129
45	mo-00037	ST P_blade6	8:00 02-25-85	6:59 04-15-85	114	105	mo-00055	SH P_blade1	8:00 03-04-85	141
46	mo-00221	SO P_blade1	8:00 04-08-85	13:19 04-20-85	142	106	mo-00051	FO P_blade4	8:00 03-04-85	137
47	mo-00117	SH P_blade4	8:00 03-18-85	23:27 05-10-85	127	107	mo-00061	FO P_blade4	8:00 03-04-85	149
48	mo-00159	ST P_blade4	8:00 03-25-85	4:12 05-04-85	140	108	mo-00043	SH P_blade1	8:00 03-04-85	121
49	mo-00199	SH P_blade4	8:00 04-01-85	15:32 04-22-85	109	109	mo-00023	SD P_blade1	8:00 02-18-85	121
50	mo-00063	SH P_blade4	8:00 03-04-85	4:57 04-19-85	137	110	mo-00035	SO P_blade3	8:00 02-25-85	110
51	mo-00213	SD P_blade3	8:00 03-18-85	18:25 04-10-85	143	111	mo-00033	CR P_blade1	8:00 02-25-85	122
52	mo-00129	SD P_blade4	8:00 04-01-85	12:08 04-11-85	113	112	mo-00039	ST P_blade1	8:00 02-25-85	118
53	mo-00209	FO P_blade1	8:00 04-01-85	13:11 04-16-85	129	113	mo-00031	CR P_blade4	8:00 02-25-85	106
54	mo-00073	SH P_blade5	8:00 03-04-85	18:14 04-20-85	123	114	mo-00015	SH P_blade2	8:00 02-16-85	117
55	mo-00155	SO P_blade3	8:00 03-25-85	9:09 04-11-85	104	115	mo-00027	SD P_blade1	8:00 02-16-85	147
56	mo-00205	FO P_blade3	8:00 04-01-85	14:11 04-12-85	129	116	mo-00021	SD P_blade3	8:00 02-16-85	123
57	mo-00099	ST P_blade5	8:00 03-11-85	0:11 04-11-85	138	117	mo-00025	SH P_blade1	8:00 02-16-85	133
58	mo-00195	FO P_blade1	8:00 04-01-85	5:33 04-14-85	135	118	mo-00029	SD P_blade4	8:00 02-16-85	133
59	mo-00203	FO P_blade1	8:00 04-01-85	2:13 04-11-85	137	119	mo-00019	SD P_blade1	8:00 02-16-85	107
60	mo-00193	FO P_blade1	8:00 04-01-85	16:45 04-01-85	125	120	mo-00017	FO P_blade1	8:00 02-16-85	111

4.2.7 Test-series7

###	Lot PC	Product	Rqst-SD	MSQ	Rqst-DD	###	Lot PC	Product	Rqst-SD	MSQ	Rqst-DD
1	no-00235	SO P_blade2	8:00 04-22-85	138	3:15 05-23-85	61	no-00125	CR P_blade4	8:00 03-11-85	148	8:00 03-11-85
2	no-00239	ST P_blade3	8:00 04-22-85	118	16:09 05-23-85	62	no-00161	CR P_blade1	8:00 03-25-85	134	8:00 03-25-85
3	no-00245	SO P_blade1	8:00 04-22-85	122	11:47 06-13-85	63	no-00175	ST P_blade1	8:00 03-25-85	112	8:00 03-25-85
4	no-00223	SD P_blade1	8:00 04-15-85	111	19:31 05-29-85	64	no-00037	SD P_blade4	8:00 02-18-85	103	8:00 02-18-85
5	no-00249	SO P_blade1	8:00 04-22-85	106	0:53 05-29-85	65	no-00157	SH P_blade1	8:00 03-18-85	135	8:00 03-18-85
6	no-00217	SH P_blade2	8:00 04-15-85	149	9:04 04-16-85	66	no-00077	CR P_blade4	8:00 02-25-85	120	8:00 02-25-85
7	no-00225	SH P_blade1	8:00 04-15-85	133	9:10 05-26-85	67	no-00119	SH P_blade1	8:00 03-04-85	115	8:00 03-04-85
8	no-00247	CR P_blade2	8:00 04-22-85	136	2:08 04-26-85	68	no-00135	CR P_blade6	8:00 03-11-85	116	8:00 03-11-85
9	no-00237	ST P_blade3	8:00 04-22-85	142	19:09 05-08-85	69	no-00041	SH P_blade1	8:00 02-18-85	109	8:00 02-18-85
10	no-00211	SH P_blade1	8:00 04-15-85	109	19:10 05-25-85	70	no-00069	SO P_blade6	8:00 02-25-85	146	8:00 02-25-85
11	no-00209	SH P_blade4	8:00 04-15-85	143	20:16 05-23-85	71	no-00053	SH P_blade1	8:00 02-18-85	101	8:00 02-18-85
12	no-00229	SH P_blade1	8:00 04-15-85	127	10:46 05-15-85	72	no-00085	SD P_blade1	8:00 03-04-85	137	8:00 03-04-85
13	no-00253	CR P_blade6	8:00 04-22-85	114	14:20 05-13-85	73	no-00143	ST P_blade2	8:00 03-11-85	112	8:00 03-11-85
14	no-00221	FO P_blade1	8:00 04-15-85	104	2:05 05-18-85	74	no-00081	FO P_blade4	8:00 03-04-85	127	8:00 03-04-85
15	no-00251	CR P_blade4	8:00 04-22-85	128	5:51 05-18-85	75	no-00159	SD P_blade1	8:00 03-18-85	103	8:00 03-18-85
16	no-00241	CR P_blade1	8:00 04-22-85	134	20:40 05-12-85	76	no-00079	SO P_blade4	8:00 02-25-85	130	8:00 02-25-85
17	no-00243	CR P_blade1	8:00 04-22-85	140	1:46 05-09-85	77	no-00099	SH P_blade6	8:00 03-04-85	131	8:00 03-04-85
18	no-00233	CR P_blade4	8:00 04-22-85	136	2:23 05-16-85	78	no-00145	ST P_blade1	8:00 03-11-85	112	8:00 03-11-85
19	no-00205	SH P_blade1	8:00 04-15-85	127	23:04 05-08-85	79	no-00151	SD P_blade4	8:00 03-18-85	101	8:00 03-18-85
20	no-00219	SH P_blade1	8:00 04-15-85	133	15:20 04-27-85	80	no-00087	SD P_blade6	8:00 03-04-85	129	8:00 03-04-85
21	no-00199	FO P_blade3	8:00 04-15-85	117	10:18 04-15-85	81	no-00031	SH P_blade4	8:00 02-18-85	141	8:00 02-18-85
22	no-00213	FO P_blade6	8:00 04-15-85	131	14:07 04-22-85	82	no-00141	CR P_blade1	8:00 03-11-85	132	8:00 03-11-85
23	no-00201	SH P_blade6	8:00 04-15-85	101	23:35 04-17-85	83	no-00131	CR P_blade4	8:00 03-11-85	114	8:00 03-11-85
24	no-00195	FO P_blade1	8:00 04-15-85	149	17:11 05-08-85	84	no-00075	ST P_blade4	8:00 02-25-85	142	8:00 02-25-85
25	no-00197	FO P_blade1	8:00 04-15-85	105	17:43 05-04-85	85	no-00113	FO P_blade1	8:00 03-04-85	107	8:00 03-04-85
26	no-00193	SD P_blade1	8:00 04-15-85	129	16:02 04-23-85	86	no-00133	ST P_blade2	8:00 03-11-85	106	8:00 03-11-85
27	no-00215	SH P_blade4	8:00 04-15-85	127	18:49 04-26-85	87	no-00017	SD P_blade3	8:00 02-18-85	123	8:00 02-18-85
28	no-00191	SD P_blade1	8:00 04-15-85	109	20:12 04-24-85	88	no-00123	ST P_blade4	8:00 03-11-85	132	8:00 03-11-85
29	no-00207	SD P_blade4	8:00 04-15-85	139	10:42 05-20-85	89	no-00095	FO P_blade1	8:00 03-04-85	111	8:00 03-04-85
30	no-00231	FO P_blade1	8:00 04-15-85	149	20:03 04-18-85	90	no-00089	FO P_blade6	8:00 03-04-85	129	8:00 03-04-85
31	no-00203	FO P_blade3	8:00 04-15-85	143	10:39 04-16-85	91	no-00029	SD P_blade1	8:00 02-18-85	103	8:00 02-18-85
32	no-00059	ST P_blade3	8:00 02-25-85	104	12:42 04-19-85	92	no-00129	CR P_blade1	8:00 03-11-85	114	8:00 03-11-85
33	no-00227	SD P_blade4	8:00 04-15-85	107	21:49 04-21-85	93	no-00083	SD P_blade1	8:00 03-04-85	137	8:00 03-04-85
34	no-00115	SD P_blade3	8:00 03-04-85	135	5:56 04-18-85	94	no-00117	SD P_blade2	8:00 03-04-85	147	8:00 03-04-85
35	no-00189	SO P_blade4	8:00 04-08-85	146	6:07 06-01-85	95	no-00121	SD P_blade4	8:00 03-04-85	105	8:00 03-04-85
36	no-00187	ST P_blade1	8:00 04-08-85	110	8:27 06-01-85	96	no-00061	CR P_blade4	8:00 02-25-85	104	8:00 02-25-85
37	no-00179	SH P_blade1	8:00 04-01-85	141	8:38 04-27-85	97	no-00103	FO P_blade1	8:00 03-04-85	137	8:00 03-04-85
38	no-00167	ST P_blade1	8:00 03-25-85	142	0:04 05-01-85	98	no-00093	FO P_blade4	8:00 03-04-85	133	8:00 03-04-85
39	no-00173	ST P_blade1	8:00 03-25-85	124	13:30 05-02-85	99	no-00113	FO P_blade3	8:00 03-04-85	143	8:00 03-04-85
40	no-00139	SO P_blade1	8:00 03-11-85	112	15:27 04-23-85	100	no-00071	SO P_blade4	8:00 02-25-85	120	8:00 02-25-85
41	no-00185	FO P_blade3	8:00 04-01-85	137	4:37 05-04-85	101	no-00033	SD P_blade1	8:00 02-18-85	117	8:00 02-18-85
42	no-00153	SH P_blade5	8:00 03-18-85	147	2:13 04-11-85	102	no-00023	FO P_blade4	8:00 02-18-85	101	8:00 02-18-85
43	no-00137	ST P_blade1	8:00 03-11-85	104	3:07 04-28-85	103	no-00025	SH P_blade6	8:00 02-18-85	143	8:00 02-18-85
44	no-00181	SH P_blade4	8:00 04-01-85	109	23:07 05-06-85	104	no-00105	FO P_blade4	8:00 03-04-85	131	8:00 03-04-85
45	no-00149	ST P_blade6	8:00 03-11-85	134	15:32 04-22-85	105	no-00067	SO P_blade1	8:00 02-25-85	102	8:00 02-25-85
46	no-00155	SH P_blade1	8:00 03-18-85	113	19:43 04-29-85	106	no-00097	SH P_blade4	8:00 03-04-85	117	8:00 03-04-85
47	no-00177	FO P_blade4	8:00 04-01-85	131	10:12 04-19-85	107	no-00101	FO P_blade1	8:00 03-04-85	117	8:00 03-04-85
48	no-00163	ST P_blade2	8:00 03-25-85	102	22:12 05-16-85	108	no-00039	SH P_blade2	8:00 02-18-85	123	8:00 02-18-85
49	no-00173	FO P_blade1	8:00 04-01-85	135	5:33 04-14-85	109	no-00065	ST P_blade1	8:00 02-25-85	142	8:00 02-25-85
50	no-00165	SO P_blade2	8:00 03-25-85	102	23:07 04-15-85	110	no-00043	SD P_blade1	8:00 02-18-85	125	8:00 02-18-85
51	no-00051	SH P_blade4	8:00 02-18-85	121	15:01 04-11-85	111	no-00043	SD P_blade1	8:00 02-18-85	125	8:00 02-18-85
52	no-00051	SH P_blade1	8:00 03-04-85	113	19:01 04-11-85	112	no-00073	SO P_blade6	8:00 02-25-85	102	8:00 02-25-85
53	no-00169	SO P_blade3	8:00 03-25-85	110	14:37 04-01-85	113	no-00063	CR P_blade1	8:00 02-25-85	140	8:00 02-25-85
54	no-00027	SH P_blade1	8:00 02-18-85	137	17:30 04-02-85	114	no-00035	SD P_blade2	8:00 02-18-85	145	8:00 02-18-85
55	no-00127	ST P_blade5	8:00 03-11-85	112	21:56 04-22-85	115	no-00055	SD P_blade2	8:00 02-18-85	141	8:00 02-18-85
56	no-00057	CR P_blade4	8:00 02-25-85	134	8:43 04-09-85	116	no-00021	FO P_blade4	8:00 02-18-85	139	8:00 02-18-85
57	no-00171	ST P_blade6	8:00 03-25-85	114	18:17 04-29-85	117	no-00047	FO P_blade2	8:00 02-18-85	119	8:00 02-18-85
58	no-00147	ST P_blade2	8:00 03-11-85	146	12:32 04-17-85	118	no-00045	SD P_blade3	8:00 02-18-85	133	8:00 02-18-85
59	no-00165	SO P_blade1	8:00 03-25-85	134	18:41 04-15-85	119	no-00049	FO P_blade1	8:00 02-18-85	127	8:00 02-18-85
60	no-00165	SO P_blade1	8:00 03-25-85	134	18:41 04-15-85	120	no-00019	FO P_blade1	8:00 02-18-85	131	8:00 02-18-85

4.2.9 Test-series9

###	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	###	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD
1	mo-00236	SH P_blade2	113	8:00 03-11-85	11:09 05-04-85	61	mo-00090	SD P_blade3	119	8:00 02-22-85	9:37 03-12-85
2	mo-00124	SH P_blade3	145	8:00 02-23-85	15:27 04-14-85	62	mo-00050	SD P_blade1	103	8:00 02-18-85	23:20 03-27-85
3	mo-00038	SH P_blade1	149	8:00 02-18-85	19:59 04-08-85	63	mo-00064	SD P_blade1	125	8:00 02-18-85	21:16 03-20-85
4	mo-00036	SH P_blade1	149	8:00 02-18-85	12:50 03-07-85	64	mo-00102	SD P_blade4	103	8:00 02-22-85	10:48 03-10-85
5	mo-00048	SH P_blade1	137	8:00 02-18-85	17:30 04-02-85	65	mo-00054	SD P_blade1	117	8:00 02-18-85	19:08 03-25-85
6	mo-00040	SH P_blade1	133	8:00 03-05-85	22:53 03-10-85	66	mo-00156	SD P_blade1	125	8:00 02-26-85	1:29 03-24-85
7	mo-00220	SH P_blade1	127	8:00 02-26-85	22:04 03-28-85	67	mo-00138	SD P_blade2	105	8:00 02-23-85	16:58 03-17-85
8	mo-00168	SH P_blade2	139	8:00 02-26-85	7:47 04-27-85	68	mo-00128	FO P_blade1	107	8:00 02-23-85	5:51 03-24-85
9	mo-00254	SH P_blade1	117	8:00 03-15-85	4:29 04-21-85	69	mo-00112	FO P_blade1	129	8:00 02-22-85	11:45 03-23-85
10	mo-00084	SH P_blade1	115	8:00 02-21-85	9:06 04-21-85	70	mo-00108	FO P_blade6	129	8:00 02-22-85	18:57 03-11-85
11	mo-00202	SH P_blade1	125	8:00 02-26-85	5:38 03-12-85	71	mo-00192	FO P_blade1	107	8:00 02-26-85	20:38 03-24-85
12	mo-00126	SH P_blade3	103	8:00 02-23-85	2:07 04-19-85	72	mo-00198	FO P_blade1	101	8:00 02-26-85	20:55 03-22-85
13	mo-00078	SH P_blade3	133	8:00 02-21-85	2:15 04-15-85	73	mo-00072	SD P_blade3	109	8:00 02-21-85	15:45 03-11-85
14	mo-00232	SH P_blade6	125	8:00 03-11-85	21:19 04-12-85	74	mo-00164	SD P_blade1	123	8:00 02-26-85	12:48 03-21-85
15	mo-00158	SD P_blade3	149	8:00 02-26-85	2:36 04-05-85	75	mo-00214	SH P_blade3	149	8:00 03-05-85	9:06 03-06-85
16	mo-00060	SH P_blade1	123	8:00 02-18-85	17:36 03-06-85	76	mo-00252	SD P_blade1	119	8:00 03-11-85	1:02 03-16-85
17	mo-00200	SH P_blade4	147	8:00 02-26-85	9:46 04-21-85	77	mo-00174	SD P_blade1	103	8:00 02-26-85	22:42 03-21-85
18	mo-00024	SH P_blade1	115	8:00 02-18-85	0:17 04-18-85	78	mo-00244	FO P_blade1	133	8:00 03-11-85	12:47 03-16-85
19	mo-00136	SH P_blade1	115	8:00 02-23-85	8:06 03-18-85	79	mo-00094	FO P_blade1	133	8:00 02-22-85	15:08 03-20-85
20	mo-00234	SH P_blade4	105	8:00 03-11-85	13:09 04-21-85	80	mo-00206	FO P_blade1	129	8:00 03-05-85	13:11 03-20-85
21	mo-00062	SH P_blade1	109	8:00 02-18-85	2:33 03-22-85	81	mo-00116	FO P_blade1	149	8:00 02-22-85	5:51 03-18-85
22	mo-00030	SH P_blade4	117	8:00 02-18-85	10:16 04-18-85	82	mo-00106	SD P_blade5	129	8:00 02-22-85	20:59 03-17-85
23	mo-00160	SH P_blade1	107	8:00 02-26-85	12:41 03-17-85	83	mo-00154	FO P_blade1	147	8:00 02-26-85	3:19 03-13-85
24	mo-00118	SH P_blade5	123	8:00 02-22-85	22:27 04-16-85	84	mo-00216	SH P_blade6	101	8:00 03-05-85	23:35 03-07-85
25	mo-00076	SH P_blade5	123	8:00 02-21-85	18:14 04-09-85	85	mo-00188	FO P_blade1	143	8:00 02-26-85	21:18 03-18-85
26	mo-00204	SD P_blade6	105	8:00 03-05-85	13:35 04-01-85	86	mo-00046	SH P_blade6	143	8:00 02-18-85	3:42 02-23-85
27	mo-00052	SH P_blade4	141	8:00 02-18-85	3:53 03-13-85	87	mo-00022	FO P_blade1	113	8:00 02-18-85	19:25 03-18-85
28	mo-00208	SH P_blade3	125	8:00 03-05-85	18:44 03-26-85	88	mo-00150	FO P_blade1	127	8:00 02-24-85	2:04 03-17-85
29	mo-00222	SD P_blade3	139	8:00 03-05-85	9:42 04-09-85	89	mo-00122	FO P_blade3	131	8:00 02-23-85	22:53 03-06-85
30	mo-00146	SH P_blade4	137	8:00 02-23-85	15:00 03-02-85	90	mo-00120	FO P_blade1	127	8:00 02-22-85	21:47 03-17-85
31	mo-00140	SD P_blade3	115	8:00 02-23-85	2:18 03-24-85	91	mo-00180	FO P_blade1	123	8:00 02-26-85	4:48 03-18-85
32	mo-00224	SH P_blade3	143	8:00 03-05-85	19:16 04-12-85	92	mo-00218	FO P_blade1	143	8:00 03-05-85	10:39 03-06-85
33	mo-00098	SD P_blade1	137	8:00 02-22-85	4:56 04-11-85	93	mo-00068	FO P_blade1	119	8:00 02-18-85	15:01 03-17-85
34	mo-00132	SD P_blade1	135	8:00 02-23-85	5:56 04-09-85	94	mo-00186	SD P_blade1	103	8:00 02-26-85	8:57 03-14-85
35	mo-00212	FO P_blade6	125	8:00 03-05-85	2:26 03-23-85	95	mo-00194	FO P_blade5	123	8:00 02-26-85	19:40 02-27-85
36	mo-00170	SD P_blade1	113	8:00 02-26-85	18:16 04-08-85	96	mo-00080	FO P_blade1	133	8:00 02-21-85	1:39 03-15-85
37	mo-00182	SD P_blade1	117	8:00 02-26-85	7:29 04-10-85	97	mo-00142	SH P_blade1	117	8:00 02-23-85	12:16 03-13-85
38	mo-00100	SD P_blade5	113	8:00 02-22-85	1:24 03-24-85	98	mo-00172	SH P_blade3	109	8:00 02-26-85	17:41 03-05-85
39	mo-00228	FO P_blade1	103	8:00 03-11-85	19:20 04-06-85	99	mo-00184	SH P_blade1	115	8:00 02-26-85	18:27 03-09-85
40	mo-00248	SD P_blade5	125	8:00 03-11-85	16:13 03-23-85	100	mo-00190	FO P_blade1	103	8:00 02-26-85	22:35 03-13-85
41	mo-00226	SD P_blade3	143	8:00 03-11-85	5:53 03-17-85	101	mo-00056	SD P_blade1	145	8:00 02-18-85	19:15 03-10-85
42	mo-00144	SD P_blade4	141	8:00 02-23-85	18:49 03-20-85	102	mo-00110	FO P_blade1	101	8:00 02-22-85	13:29 03-13-85
43	mo-00058	SD P_blade4	103	8:00 02-18-85	3:51 04-06-85	103	mo-00074	SD P_blade2	141	8:00 02-21-85	15:15 03-09-85
44	mo-00148	SD P_blade4	133	8:00 02-24-85	17:02 03-19-85	104	mo-00086	SD P_blade5	131	8:00 02-21-85	8:46 02-28-85
45	mo-00034	SD P_blade4	109	8:00 02-18-85	3:57 04-04-85	105	mo-00166	SD P_blade4	107	8:00 02-26-85	9:00 03-07-85
46	mo-00242	SD P_blade1	105	8:00 03-11-85	8:13 04-03-85	106	mo-00134	SD P_blade1	147	8:00 02-23-85	20:07 03-03-85
47	mo-00210	SD P_blade4	113	8:00 03-05-85	12:08 03-15-85	107	mo-00178	FO P_blade4	103	8:00 02-26-85	9:22 03-08-85
48	mo-00176	SD P_blade1	147	8:00 02-26-85	7:44 04-01-85	108	mo-00114	FO P_blade3	117	8:00 02-22-85	1:56 03-04-85
49	mo-00152	SH P_blade5	149	8:00 02-24-85	22:56 03-15-85	109	mo-00044	FO P_blade1	131	8:00 02-18-85	3:32 03-12-85
50	mo-00250	FO P_blade3	107	8:00 03-11-85	17:37 03-21-85	110	mo-00130	FO P_blade1	143	8:00 02-23-85	2:55 02-25-85
51	mo-00162	SD P_blade4	109	8:00 02-26-85	16:12 03-20-85	111	mo-00088	FO P_blade1	115	8:00 02-22-85	9:44 03-07-85
52	mo-00104	SD P_blade1	137	8:00 02-22-85	3:53 03-31-85	112	mo-00026	SH P_blade1	145	8:00 02-18-85	23:02 02-21-85
53	mo-00028	SD P_blade1	105	8:00 02-18-85	23:23 03-19-85	113	mo-00066	SD P_blade1	133	8:00 02-18-85	16:59 03-06-85
54	mo-00196	SD P_blade6	129	8:00 02-26-85	4:17 03-31-85	114	mo-00082	SH P_blade4	109	8:00 02-21-85	17:06 03-02-85
55	mo-00096	SD P_blade6	149	8:00 02-22-85	23:42 03-09-85	115	mo-00016	FO P_blade3	115	8:00 02-18-85	5:17 03-01-85
56	mo-00246	SH P_blade6	137	8:00 03-11-85	11:24 03-13-85	116	mo-00018	FO P_blade4	103	8:00 02-18-85	21:38 03-11-85
57	mo-00238	SD P_blade1	129	8:00 03-11-85	18:11 03-31-85	117	mo-00070	FO P_blade1	127	8:00 02-18-85	8:09 03-09-85
58	mo-00240	FO P_blade4	127	8:00 03-11-85	21:11 03-18-85	118	mo-00020	SD P_blade4	129	8:00 02-18-85	0:04 02-25-85
59	mo-00230	SD P_blade1	137	8:00 03-11-85	9:12 03-26-85	119	mo-00042	SD P_blade1	123	8:00 02-18-85	6:47 03-05-85
60	mo-00092	FO P_blade4	123	8:00 02-22-85	10:25 03-18-85	120	mo-00032	FO P_blade1	119	8:00 02-18-85	11:19 02-28-85



4.2.1.1 Test-series11

##	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD
1	mo-00240	SH P_blade3	141	9:00 05-04-85	17:02 06-29-85	61	mo-00178	SD P_bladel	127	8:00 04-07-85
2	mo-00224	SH P_blade1	103	9:00 05-04-85	15:16 06-14-85	62	mo-00170	SD P_bladel	121	8:00 04-05-85
3	mo-00216	SH P_blade3	129	9:00 05-04-85	17:13 06-06-85	63	mo-00136	SD P_blade5	129	8:00 03-24-85
4	mo-00250	SH P_blade4	115	9:00 05-08-85	8:51 06-06-85	64	mo-00090	SD P_blade1	139	8:00 03-24-85
5	mo-00236	SH P_blade6	105	9:00 05-04-85	8:05 06-13-85	65	mo-00030	SD P_blade1	145	8:00 03-24-85
6	mo-00254	SH P_blade6	101	9:00 05-08-85	15:28 05-23-85	66	mo-00114	SH P_blade4	129	8:00 03-24-85
7	mo-00238	SD P_blade4	149	9:00 05-04-85	16:57 06-01-85	67	mo-00160	FO P_blade4	113	8:00 04-01-85
8	mo-00246	SD P_blade1	105	9:00 05-04-85	7:42 06-04-85	68	mo-00084	SH P_blade4	115	8:00 03-04-85
9	mo-00234	SH P_blade4	131	9:00 05-04-85	4:01 05-29-85	69	mo-00144	SD P_blade4	131	8:00 04-01-85
10	mo-00232	SH P_blade1	137	9:00 05-04-85	2:44 05-31-85	70	mo-00150	SD P_blade4	115	8:00 03-24-85
11	mo-00222	FO P_blade1	147	9:00 05-04-85	12:46 05-15-85	71	mo-00110	SD P_blade1	125	8:00 04-01-85
12	mo-00220	SH P_blade4	103	9:00 05-04-85	20:39 05-24-85	72	mo-00164	FO P_blade1	141	8:00 03-24-85
13	mo-00226	SD P_blade4	137	9:00 05-04-85	19:03 05-25-85	73	mo-00104	FO P_blade2	111	8:00 03-24-85
14	mo-00120	SH P_blade6	121	8:00 03-24-85	11:45 05-16-85	74	mo-00118	FO P_blade5	123	8:00 03-24-85
15	mo-00218	FO P_blade1	135	9:00 05-08-85	1:24 05-06-85	75	mo-00132	SD P_blade4	103	8:00 02-22-85
16	mo-00248	FO P_blade1	109	9:00 05-08-85	1:59 05-18-85	76	mo-00094	FO P_blade3	133	8:00 03-24-85
17	mo-00252	SH P_blade4	111	9:00 05-04-85	6:03 05-23-85	77	mo-00134	SH P_bladel	105	8:00 03-24-85
18	mo-00244	SH P_blade4	145	9:00 05-04-85	15:26 05-17-85	78	mo-00142	SH P_bladel	111	8:00 03-25-85
19	mo-00230	SH P_blade4	127	9:00 05-04-85	18:24 05-10-85	79	mo-00126	SD P_bladel	143	8:00 03-24-85
20	mo-00228	SH P_blade1	101	9:00 05-04-85	16:56 05-13-85	80	mo-00100	SD P_bladel	123	8:00 03-24-85
21	mo-00228	SH P_blade6	119	8:00 03-24-85	5:33 05-06-85	81	mo-00130	FO P_blade4	101	8:00 03-24-85
22	mo-00098	SH P_blade5	123	8:00 04-19-85	8:31 05-16-85	82	mo-00116	FO P_blade4	121	8:00 03-24-85
23	mo-00206	SH P_blade1	109	9:00 05-08-85	13:45 05-24-85	83	mo-00108	SD P_blade4	125	8:00 03-24-85
24	mo-00194	SD P_blade3	121	8:00 04-20-85	10:36 05-30-85	84	mo-00088	FO P_blade1	103	8:00 03-04-85
25	mo-00204	SH P_blade4	135	8:00 04-20-85	3:16 04-24-85	85	mo-00056	FO P_blade3	149	8:00 03-04-85
26	mo-00190	SD P_blade4	103	8:00 04-19-85	22:49 05-26-85	86	mo-00078	FO P_bladel	131	8:00 03-04-85
27	mo-00192	SD P_blade5	123	8:00 04-19-85	7:48 06-06-85	87	mo-00048	FO P_bladel	131	8:00 03-04-85
28	mo-00196	FO P_blade5	123	8:00 04-19-85	20:45 05-14-85	88	mo-00030	SD P_blade4	135	8:00 02-22-85
29	mo-00210	SD P_blade1	115	8:00 04-20-85	7:52 05-15-85	89	mo-00086	SH P_blade4	125	8:00 03-04-85
30	mo-00188	FO P_blade2	115	8:00 04-19-85	18:30 05-28-85	90	mo-00070	SH P_blade4	145	8:00 03-04-85
31	mo-00200	SD P_blade1	143	8:00 04-19-85	20:56 04-20-85	91	mo-00058	SD P_blade3	145	8:00 03-04-85
32	mo-00184	SD P_blade6	115	8:00 04-20-85	18:36 04-20-85	92	mo-00044	SH P_blade4	121	8:00 03-04-85
33	mo-00214	SH P_blade1	105	8:00 04-20-85	17:00 05-20-85	93	mo-00036	SD P_blade3	133	8:00 03-04-85
34	mo-00198	FO P_blade1	113	8:00 04-20-85	1:24 05-04-85	94	mo-00024	SH P_blade4	143	8:00 02-22-85
35	mo-00202	FO P_blade1	111	8:00 04-20-85	8:39 04-22-85	95	mo-00074	SD P_blade4	143	8:00 02-22-85
36	mo-00212	FO P_blade3	123	8:00 04-01-85	3:15 04-29-85	96	mo-00052	SH P_blade4	109	8:00 03-04-85
37	mo-00154	SD P_blade1	101	8:00 04-20-85	6:05 05-11-85	97	mo-00072	SH P_blade4	137	8:00 03-04-85
38	mo-00148	SH P_blade2	115	8:00 04-19-85	9:35 04-28-85	98	mo-00068	SH P_blades	115	8:00 03-04-85
39	mo-00186	SD P_blade6	145	8:00 03-24-85	1:52 05-17-85	99	mo-00054	SD P_blade6	145	8:00 03-04-85
40	mo-00112	SD P_blade5	101	8:00 04-01-85	2:58 04-27-85	100	mo-00082	SH P_blades	147	8:00 03-04-85
41	mo-00158	SH P_blade4	103	8:00 04-01-85	13:27 05-03-85	101	mo-00050	SD P_bladel	141	8:00 03-04-85
42	mo-00138	SD P_blade3	123	8:00 03-24-85	20:09 05-03-85	102	mo-00076	SD P_bladel	113	8:00 02-22-85
43	mo-00140	SH P_blade1	145	8:00 03-24-85	13:27 05-03-85	103	mo-00016	SD P_bladel	141	8:00 02-22-85
44	mo-00146	SH P_blade1	105	8:00 04-05-85	20:56 05-10-85	104	mo-00036	SD P_bladel	107	8:00 03-04-85
45	mo-00168	SH P_blade1	125	8:00 04-01-85	21:16 05-21-85	105	mo-00066	SD P_bladel	123	8:00 03-04-85
46	mo-00152	SD P_blade4	121	8:00 04-01-85	14:24 05-10-85	106	mo-00054	FO P_bladel	105	8:00 03-04-85
47	mo-00146	SH P_blade1	105	8:00 04-01-85	3:16 04-23-85	107	mo-00064	SD P_bladel	121	8:00 03-04-85
48	mo-00124	FO P_blade1	123	8:00 03-24-85	17:59 03-23-85	108	mo-00062	FO P_blade4	117	8:00 03-04-85
49	mo-00172	FO P_blades	101	8:00 04-01-85	6:07 05-08-85	109	mo-00038	SH P_blade4	117	8:00 02-22-85
50	mo-00162	SD P_blade4	123	8:00 04-01-85	5:05 05-23-85	110	mo-00016	SH P_bladel	117	8:00 02-22-85
51	mo-00176	FO P_blade2	103	8:00 04-07-85	9:37 04-12-85	111	mo-00016	SH P_blade4	103	8:00 02-22-85
52	mo-00156	SD P_blade1	125	8:00 04-01-85	17:27 05-06-85	112	mo-00040	SD P_blade4	125	8:00 02-22-85
53	mo-00174	FO P_blade4	129	8:00 04-07-85	6:17 05-14-85	113	mo-00028	FO P_blades	105	8:00 02-22-85
54	mo-00128	SH P_blade1	141	9:00 03-24-85	8:26 05-06-85	114	mo-00044	FO P_blades	125	8:00 02-22-85
55	mo-00166	SH P_blade3	105	8:00 04-05-85	4:47 04-25-85	115	mo-00034	SD P_bladel	145	8:00 02-22-85
56	mo-00180	SH P_blade4	123	8:00 04-07-85	7:34 04-24-85	116	mo-00034	SD P_bladel	147	8:00 02-22-85
57	mo-00182	FO P_blade4	137	8:00 04-07-85	6:40 04-20-85	117	mo-00026	FO P_bladel	139	8:00 02-22-85
58	mo-00188	SH P_blade3	145	8:00 03-24-85	18:45 04-12-85	118	mo-00022	FO P_bladel	101	8:00 02-22-85
59	mo-00182	SH P_blade3	145	8:00 03-24-85	8:10 04-12-85	119	mo-00042	FO P_bladel	119	8:00 02-22-85
60	mo-00106	SH P_blade3	145	8:00 03-24-85		120	mo-00042	FO P_bladel	119	8:00 02-22-85

4.2.13 Test-series13

##	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	
1	mo-00184	SH P_blade3	129	8:00 03-25-85	4:00 04-18-85	61	mo-00060	ST P_blade1	134	8:00 03-04-85	2:15 03-11-85
2	mo-00150	SH P_blade3	123	8:00 03-25-85	20:06 03-30-85	62	mo-00128	CR P_blade1	146	8:00 03-18-85	15:15 04-07-85
3	mo-00118	SH P_blade3	107	8:00 03-11-85	15:17 04-02-85	63	mo-00144	SO P_blade3	110	8:00 03-18-85	13:00 03-21-85
4	mo-00250	SH P_blade1	117	8:00 04-15-85	3:41 05-08-85	64	mo-00138	SO P_blade3	106	8:00 03-18-85	18:43 03-29-85
5	mo-00106	SH P_blade1	148	8:00 03-11-85	20:38 03-11-85	65	mo-00102	SO P_blade3	100	8:00 03-04-85	13:34 03-26-85
6	mo-00124	SH P_blade3	107	8:00 03-11-85	5:11 03-12-85	66	mo-00054	ST P_blade1	124	8:00 02-18-85	9:31 03-17-85
7	mo-00242	SH P_blade1	143	8:00 04-08-85	13:34 04-28-85	67	mo-00068	CR P_blade3	140	8:00 03-04-85	1:34 03-30-85
8	mo-00208	ST P_blade3	142	8:00 04-01-85	13:20 04-29-85	68	mo-00136	SO P_blade4	108	8:00 03-18-85	19:35 04-16-85
9	mo-00248	ST P_blade6	114	8:00 04-15-85	7:59 05-04-85	69	mo-00146	SO P_blade1	104	8:00 03-18-85	17:19 04-04-85
10	mo-00176	SH P_blade1	141	8:00 03-25-85	16:02 04-20-85	70	mo-00142	SO P_blade1	106	8:00 03-18-85	8:57 03-19-85
11	mo-00168	SH P_blade1	137	8:00 03-25-85	1:44 04-21-85	71	mo-00122	SD P_blade3	139	8:00 03-11-85	5:20 03-24-85
12	mo-00182	SH P_blade1	129	8:00 03-25-85	0:21 04-10-85	72	mo-00130	ST P_blade4	106	8:00 03-18-85	12:12 03-31-85
13	mo-00152	SH P_blade1	129	8:00 03-25-85	16:13 03-28-85	73	mo-00140	CR P_blade1	102	8:00 03-18-85	2:13 04-05-85
14	mo-00180	SH P_blade1	111	8:00 03-25-85	14:26 04-07-85	74	mo-00126	SH P_blade2	125	8:00 03-11-85	16:36 04-01-85
15	mo-00196	SH P_blade1	103	8:00 03-25-85	18:43 04-23-85	75	mo-00108	FO P_blade2	129	8:00 03-11-85	7:26 04-09-85
16	mo-00156	SH P_blade1	103	8:00 03-25-85	19:39 04-14-85	76	mo-00068	SO P_blade1	132	8:00 03-04-85	15:59 03-29-85
17	mo-00246	SO P_blade3	110	8:00 04-15-85	19:57 04-24-85	77	mo-00098	SO P_blade1	132	8:00 03-04-85	3:30 03-27-85
18	mo-00230	ST P_blade1	138	8:00 04-01-85	2:31 04-29-85	78	mo-00076	SO P_blade1	120	8:00 03-04-85	2:38 03-26-85
19	mo-00254	CR P_blade1	128	8:00 04-15-85	19:42 04-26-85	79	mo-00120	FO P_blade3	127	8:00 03-11-85	0:14 04-08-85
20	mo-00160	SH P_blade1	103	8:00 03-25-85	14:16 04-05-85	80	mo-00112	SD P_blade1	127	8:00 03-11-85	1:43 04-02-85
21	mo-00252	ST P_blade1	132	8:00 04-15-85	1:53 04-21-85	81	mo-00078	SO P_blade1	142	8:00 03-04-85	14:07 03-21-85
22	mo-00222	ST P_blade3	104	8:00 04-01-85	19:05 04-23-85	82	mo-00104	CR P_blade3	106	8:00 03-04-85	11:39 03-21-85
23	mo-00240	SO P_blade3	122	8:00 04-01-85	19:24 04-23-85	83	mo-00116	FO P_blade4	137	8:00 03-11-85	18:45 03-16-85
24	mo-00212	SO P_blade1	146	8:00 04-01-85	13:39 04-29-85	84	mo-00114	SD P_blade1	123	8:00 03-11-85	6:40 03-24-85
25	mo-00228	SH P_blade1	144	8:00 03-25-85	3:58 04-25-85	85	mo-00110	FO P_blade1	103	8:00 03-11-85	9:37 03-16-85
26	mo-00164	ST P_blade1	101	8:00 03-25-85	4:33 03-27-85	86	mo-00074	ST P_blade5	138	8:00 03-04-85	11:29 03-27-85
27	mo-00218	ST P_blade1	142	8:00 04-01-85	2:12 04-25-85	87	mo-00072	CR P_blade4	148	8:00 03-04-85	8:50 03-31-85
28	mo-00216	CR P_blade3	132	8:00 04-01-85	2:18 04-23-85	88	mo-00086	CR P_blade1	142	8:00 03-04-85	2:25 03-28-85
29	mo-00240	SH P_blade4	133	8:00 04-08-85	23:42 04-14-85	89	mo-00058	SO P_blade1	146	8:00 03-04-85	14:46 03-11-85
30	mo-00186	SD P_blade4	127	8:00 03-25-85	1:37 04-23-85	90	mo-00100	CR P_blade3	142	8:00 03-04-85	16:27 03-05-85
31	mo-00174	SD P_blade4	149	8:00 03-25-85	15:57 04-22-85	91	mo-00082	CR P_blade5	122	8:00 03-04-85	16:55 04-01-85
32	mo-00214	CR P_blade3	142	8:00 04-01-85	2:46 04-20-85	92	mo-00098	SO P_blade4	126	8:00 03-04-85	21:07 03-11-85
33	mo-00172	SD P_blade5	105	8:00 03-25-85	7:05 04-24-85	93	mo-00082	SO P_blade1	128	8:00 03-04-85	18:35 03-17-85
34	mo-00244	SO P_blade1	123	8:00 04-08-85	17:52 04-11-85	94	mo-00070	CR P_blade3	116	8:00 03-04-85	12:05 03-20-85
35	mo-00210	SO P_blade1	128	8:00 04-01-85	14:16 04-28-85	95	mo-00096	CR P_blade4	138	8:00 03-04-85	11:44 03-13-85
36	mo-00232	SO P_blade4	122	8:00 04-01-85	14:17 04-19-85	96	mo-00062	SO P_blade1	126	8:00 03-04-85	3:53 03-09-85
37	mo-00166	SH P_blade4	127	8:00 03-25-85	15:56 04-03-85	97	mo-00080	CR P_blade1	134	8:00 03-04-85	1:17 03-11-85
38	mo-00238	SO P_blade1	112	8:00 04-01-85	15:49 04-21-85	98	mo-00094	CR P_blade4	104	8:00 03-04-85	9:18 03-16-85
39	mo-00220	CR P_blade3	144	8:00 04-01-85	3:07 04-05-85	99	mo-00084	CR P_blade1	126	8:00 03-04-85	12:12 03-11-85
40	mo-00234	CR P_blade5	104	8:00 04-01-85	13:56 04-13-85	100	mo-00064	CR P_blade1	110	8:00 03-04-85	11:58 03-15-85
41	mo-00170	FO P_blade4	131	8:00 03-25-85	3:01 04-19-85	101	mo-00032	ST P_blade1	112	8:00 02-18-85	19:23 03-15-85
42	mo-00226	CR P_blade1	114	8:00 04-01-85	0:04 04-25-85	102	mo-00046	ST P_blade1	134	8:00 02-18-85	11:18 03-12-85
43	mo-00148	SO P_blade6	112	8:00 03-18-85	19:25 04-14-85	103	mo-00044	SO P_blade1	126	8:00 02-18-85	17:18 03-18-85
44	mo-00206	FO P_blade1	113	8:00 03-25-85	13:16 04-19-85	104	mo-00026	ST P_blade1	136	8:00 02-18-85	5:06 03-10-85
45	mo-00190	SD P_blade3	147	8:00 03-25-85	1:47 04-19-85	105	mo-00052	SO P_blade1	102	8:00 02-18-85	9:24 03-13-85
46	mo-00134	ST P_blade1	148	8:00 03-18-85	16:12 03-26-85	106	mo-00036	CR P_blade1	136	8:00 02-18-85	5:39 03-17-85
47	mo-00236	ST P_blade1	127	8:00 04-01-85	7:09 04-10-85	107	mo-00042	ST P_blade1	142	8:00 02-18-85	4:42 03-09-85
48	mo-00188	SD P_blade1	127	8:00 03-25-85	7:07 04-14-85	108	mo-00056	SD P_blade1	143	8:00 02-25-85	5:52 03-14-85
49	mo-00200	FO P_blade1	121	8:00 03-25-85	6:17 04-13-85	109	mo-00030	SO P_blade1	134	8:00 02-18-85	14:26 03-10-85
50	mo-00202	FO P_blade4	147	8:00 03-25-85	14:12 04-14-85	110	mo-00016	SO P_blade4	144	8:00 02-18-85	21:17 03-06-85
51	mo-00132	SO P_blade1	136	8:00 03-18-85	3:06 04-09-85	111	mo-00040	SO P_blade5	140	8:00 02-18-85	8:26 02-20-85
52	mo-00192	SD P_blade2	119	8:00 03-25-85	12:29 03-26-85	112	mo-00028	ST P_blade5	134	8:00 02-18-85	6:13 02-26-85
53	mo-00194	SD P_blade3	143	8:00 03-25-85	18:19 04-18-85	113	mo-00034	CR P_blade5	112	8:00 02-18-85	8:52 03-03-85
54	mo-00198	SD P_blade4	139	8:00 03-25-85	4:50 04-06-85	114	mo-00050	ST P_blade4	104	8:00 02-18-85	21:39 03-09-85
55	mo-00154	FO P_blade6	135	8:00 03-25-85	0:24 03-27-85	115	mo-00022	CR P_blade1	104	8:00 02-18-85	1:40 03-10-85
56	mo-00162	SD P_blade4	137	8:00 03-25-85	18:03 03-26-85	116	mo-00038	ST P_blade1	148	8:00 02-18-85	1:55 03-01-85
57	mo-00204	FO P_blade4	139	8:00 03-25-85	12:37 04-06-85	117	mo-00020	SO P_blade1	136	8:00 02-18-85	19:44 02-21-85
58	mo-00090	SO P_blade3	140	8:00 03-04-85	2:46 03-14-85	118	mo-00048	CR P_blade1	146	8:00 02-18-85	21:39 02-19-85
59	mo-00158	FO P_blade1	147	8:00 03-25-85	11:46 04-05-85	119	mo-00024	CR P_blade1	116	8:00 02-18-85	8:16 03-01-85
60	mo-00178	FO P_blade4	145	8:00 03-25-85	17:24 03-31-85	120	mo-00018	CR P_blade4	104	8:00 02-18-85	23:19 03-03-85

4.2.15 Test-series15

###	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	
1	mo-00246	SO P_blade6	134	8:00 04-15-85	4:55 05-20-85	61	mo-00094	ST P_blade3	146	8:00 03-04-85	1:41 03-30-85
2	mo-00234	CR P_blade1	126	8:00 04-15-85	9:28 05-18-85	62	mo-00148	CR P_blade4	136	8:00 03-18-85	23:12 04-06-85
3	mo-00254	ST P_blade1	143	8:00 04-22-85	15:27 05-16-85	63	mo-00146	CR P_blade1	128	8:00 03-18-85	19:42 04-03-85
4	mo-00222	SH P_blade6	118	8:00 04-15-85	19:43 05-15-85	64	mo-00158	SO P_blade6	112	8:00 03-18-85	16:30 04-04-85
5	mo-00252	SH P_blade4	109	8:00 04-22-85	8:40 05-26-85	65	mo-00170	SO P_blade4	144	8:00 03-18-85	13:47 03-23-85
6	mo-00244	CR P_blade4	126	8:00 04-15-85	19:33 05-18-85	66	mo-00174	SO P_blade3	100	8:00 03-18-85	10:57 03-29-85
7	mo-00232	CR P_blade4	136	8:00 04-15-85	11:26 05-15-85	67	mo-00168	CR P_blade4	118	8:00 03-18-85	7:31 04-06-85
8	mo-00178	SH P_blade4	133	8:00 03-25-85	2:15 04-22-85	68	mo-00144	ST P_blade1	132	8:00 03-18-85	1:53 03-29-85
9	mo-00228	CR P_blade4	130	8:00 04-15-85	11:19 05-08-85	69	mo-00060	SH P_blade1	137	8:00 02-25-85	1:44 03-29-85
10	mo-00240	CR P_blade5	138	8:00 04-15-85	6:08 05-09-85	70	mo-00076	SH P_blade4	129	8:00 02-25-85	4:00 03-26-85
11	mo-00118	SH P_blade4	117	8:00 03-11-85	9:03 04-14-85	71	mo-00102	SO P_blade1	128	8:00 03-04-85	13:16 04-05-85
12	mo-00238	ST P_blade2	110	8:00 04-15-85	4:26 05-07-85	72	mo-00112	SD P_blade1	105	8:00 03-11-85	14:57 04-07-85
13	mo-00196	SD P_blade6	149	8:00 04-08-85	0:42 05-09-85	73	mo-00106	SD P_blade6	119	8:00 03-11-85	3:21 03-31-85
14	mo-00202	FO P_blade4	103	8:00 04-08-85	11:48 05-09-85	74	mo-00100	ST P_blade4	142	8:00 03-04-85	12:20 04-05-85
15	mo-00242	CR P_blade2	106	8:00 04-15-85	12:16 04-26-85	75	mo-00136	SD P_blade3	123	8:00 03-11-85	17:52 03-19-85
16	mo-00208	SH P_blade1	149	8:00 04-08-85	3:14 04-14-85	76	mo-00138	SD P_blade3	123	8:00 03-11-85	12:02 03-26-85
17	mo-00224	ST P_blade4	104	8:00 04-15-85	4:18 05-01-85	77	mo-00108	FO P_blade1	137	8:00 03-11-85	18:43 04-06-85
18	mo-00236	CR P_blade1	144	8:00 04-15-85	12:01 05-05-85	78	mo-00130	SD P_blade1	147	8:00 03-11-85	11:32 03-28-85
19	mo-00248	CR P_blade4	120	8:00 04-15-85	18:15 05-05-85	79	mo-00124	SD P_blade4	123	8:00 03-11-85	13:16 03-27-85
20	mo-00230	CR P_blade1	110	8:00 04-15-85	20:09 05-02-85	80	mo-00110	SD P_blade1	113	8:00 03-11-85	1:17 03-27-85
21	mo-00226	SO P_blade1	146	8:00 04-15-85	0:24 04-26-85	81	mo-00116	SD P_blade4	121	8:00 03-11-85	18:50 03-18-85
22	mo-00220	CR P_blade4	106	8:00 04-15-85	20:40 04-20-85	82	mo-00120	FO P_blade1	111	8:00 03-11-85	22:35 03-22-85
23	mo-00250	CR P_blade1	102	8:00 04-15-85	5:03 04-30-85	83	mo-00122	SD P_blade1	107	8:00 03-11-85	19:54 03-16-85
24	mo-00204	SD P_blade2	131	8:00 04-08-85	23:47 05-12-85	84	mo-00092	CR P_blade1	128	8:00 03-04-85	22:39 04-03-85
25	mo-00206	SD P_blade2	145	8:00 04-08-85	19:59 04-26-85	85	mo-00098	ST P_blade5	128	8:00 03-04-85	11:49 03-22-85
26	mo-00134	SH P_blade1	143	8:00 03-11-85	12:34 04-06-85	86	mo-00090	SO P_blade2	104	8:00 03-04-85	2:06 03-15-85
27	mo-00192	FO P_blade4	123	8:00 04-08-85	11:25 05-07-85	87	mo-00086	SO P_blade1	134	8:00 03-04-85	0:11 03-20-85
28	mo-00194	FO P_blade5	113	8:00 04-08-85	16:08 05-09-85	88	mo-00078	SO P_blade6	116	8:00 03-04-85	11:51 03-18-85
29	mo-00200	SD P_blade3	137	8:00 04-08-85	4:56 04-21-85	89	mo-00088	ST P_blade4	130	8:00 03-04-85	20:59 04-02-85
30	mo-00190	SD P_blade4	119	8:00 04-08-85	10:37 05-01-85	90	mo-00082	CR P_blade1	116	8:00 03-04-85	18:54 03-31-85
31	mo-00214	FO P_blade1	103	8:00 04-08-85	12:45 05-12-85	91	mo-00074	SH P_blade1	129	8:00 02-25-85	0:21 03-18-85
32	mo-00218	FO P_blade1	149	8:00 04-08-85	6:51 05-07-85	92	mo-00096	ST P_blade4	112	8:00 03-04-85	8:15 03-21-85
33	mo-00216	FO P_blade1	117	8:00 04-08-85	13:50 05-05-85	93	mo-00066	SD P_blade4	149	8:00 02-25-85	15:57 03-30-85
34	mo-00186	FO P_blade4	105	8:00 04-08-85	5:38 05-03-85	94	mo-00058	SH P_blade4	127	8:00 02-25-85	15:56 03-11-85
35	mo-00210	FO P_blade1	101	8:00 04-08-85	14:29 05-02-85	95	mo-00080	CR P_blade4	104	8:00 03-04-85	19:19 03-14-85
36	mo-00212	FO P_blade1	117	8:00 04-08-85	1:56 04-23-85	96	mo-00016	SD P_blade4	130	8:00 02-18-85	2:39 03-15-85
37	mo-00216	FO P_blade4	115	8:00 04-08-85	9:44 04-26-85	97	mo-00064	SD P_blade6	105	8:00 02-25-85	7:05 04-01-85
38	mo-00188	FO P_blade4	115	8:00 04-08-85	2:16 04-12-85	98	mo-00026	ST P_blade3	148	8:00 02-18-85	16:12 03-03-85
39	mo-00184	SO P_blade2	118	8:00 04-01-85	2:16 04-12-85	99	mo-00028	SO P_blade4	148	8:00 02-18-85	19:35 03-24-85
40	mo-00172	ST P_blade1	142	8:00 03-18-85	8:45 04-13-85	100	mo-00048	ST P_blade4	138	8:00 02-18-85	0:25 03-13-85
41	mo-00152	ST P_blade4	136	8:00 03-18-85	16:23 04-19-85	101	mo-00062	FO P_blade4	131	8:00 02-25-85	3:01 03-27-85
42	mo-00142	ST P_blade1	118	8:00 03-18-85	2:41 04-15-85	102	mo-00070	SH P_blade1	111	8:00 02-25-85	14:26 03-15-85
43	mo-00166	SO P_blade4	142	8:00 03-18-85	13:45 04-20-85	103	mo-00072	FO P_blade4	145	8:00 02-25-85	17:24 03-08-85
44	mo-00164	SO P_blade4	122	8:00 03-18-85	12:35 04-06-85	104	mo-00056	SH P_blade1	101	8:00 02-25-85	4:33 03-04-85
45	mo-00154	CR P_blade4	128	8:00 03-18-85	23:55 04-13-85	105	mo-00040	SO P_blade6	112	8:00 02-18-85	19:25 03-22-85
46	mo-00126	SH P_blade3	121	8:00 03-11-85	16:08 04-07-85	106	mo-00054	SO P_blade1	142	8:00 02-18-85	17:33 03-17-85
47	mo-00182	SO P_blade1	106	8:00 04-01-85	21:03 04-06-85	107	mo-00024	SO P_blade1	136	8:00 02-18-85	3:06 03-17-85
48	mo-00162	CR P_blade4	100	8:00 03-18-85	18:58 04-13-85	108	mo-00050	SO P_blade4	144	8:00 02-18-85	11:13 03-10-85
49	mo-00176	SH P_blade5	123	8:00 03-25-85	18:14 04-16-85	109	mo-00044	SO P_blade1	124	8:00 02-18-85	15:18 03-12-85
50	mo-00180	FO P_blade1	133	8:00 03-25-85	1:39 04-21-85	110	mo-00042	SO P_blade1	106	8:00 02-18-85	12:49 03-04-85
51	mo-00140	ST P_blade6	114	8:00 03-18-85	6:59 04-11-85	111	mo-00030	SO P_blade5	106	8:00 02-18-85	18:43 03-06-85
52	mo-00114	SD P_blade1	105	8:00 03-11-85	9:16 04-14-85	112	mo-00052	CR P_blade4	146	8:00 02-18-85	23:29 03-13-85
53	mo-00068	SH P_blade3	141	8:00 02-25-85	16:02 03-28-85	113	mo-00020	CR P_blade1	146	8:00 02-18-85	15:15 03-15-85
54	mo-00104	SO P_blade1	146	8:00 03-04-85	12:39 04-06-85	114	mo-00038	SO P_blade1	104	8:00 02-18-85	17:19 03-12-85
55	mo-00150	ST P_blade6	108	8:00 03-16-85	12:51 04-10-85	115	mo-00046	ST P_blade6	104	8:00 02-18-85	9:21 03-03-85
56	mo-00084	ST P_blade1	142	8:00 03-04-85	0:17 04-04-85	116	mo-00036	SO P_blade4	110	8:00 02-18-85	13:00 02-26-85
57	mo-00156	ST P_blade1	106	8:00 03-16-85	9:41 04-05-85	117	mo-00032	CR P_blade1	102	8:00 02-18-85	2:13 03-13-85
58	mo-00160	SD P_blade2	114	8:00 03-16-85	14:08 03-26-85	118	mo-00018	SO P_blade1	130	8:00 02-18-85	21:43 03-01-85
59	mo-00128	ST P_blade1	133	8:00 03-11-85	1:07 04-09-85	119	mo-00022	ST P_blade4	106	8:00 02-18-85	12:12 03-08-85
60	mo-00132	SH P_blade4	133	8:00 03-11-85	23:42 03-22-85	120	mo-00034	SO P_blade1	106	8:00 02-18-85	8:57 02-24-85

4.2.17 Test-series17

##	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	##	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD
1	mo-00204	ST P Blade3	144	8:00 03-06-85	21:58 04-02-85	61	mo-00176	SO P Blade5	102	8:00 03-05-85	2:38 03-14-85
2	mo-00088	ST P Blade3	142	8:00 02-23-85	1:20 03-27-85	62	mo-00208	CR P Blade1	114	8:00 03-06-85	5:01 03-28-85
3	mo-00192	ST P Blade3	138	8:00 03-06-85	6:37 04-10-85	63	mo-00018	SO P Blade4	108	8:00 02-18-85	19:35 03-24-85
4	mo-00220	ST P Blade3	136	8:00 03-06-85	21:07 03-18-85	64	mo-00218	CR P Blade1	144	8:00 03-06-85	11:01 03-26-85
5	mo-00038	ST P Blade2	138	8:00 02-18-85	0:25 03-13-85	65	mo-00240	SO P Blade3	132	8:00 03-08-85	9:50 03-20-85
6	mo-00244	ST P Blade3	112	8:00 03-08-85	12:14 04-10-85	66	mo-00222	CR P Blade5	134	8:00 03-06-85	4:47 03-26-85
7	mo-00210	ST P Blade6	124	8:00 03-06-85	1:16 04-01-85	67	mo-00068	CR P Blade4	130	8:00 02-23-85	11:49 03-27-85
8	mo-00236	CR P Blade5	116	8:00 03-06-85	23:14 04-07-85	68	mo-00104	CR P Blade1	114	8:00 02-25-85	0:04 03-26-85
9	mo-00162	ST P Blade5	142	8:00 03-05-85	14:15 04-05-85	69	mo-00172	CR P Blade2	144	8:00 03-05-85	6:45 03-19-85
10	mo-00112	ST P Blade3	136	8:00 02-23-85	6:45 03-13-85	70	mo-00046	CR P Blade1	122	8:00 02-19-85	10:01 03-25-85
11	mo-00126	ST P Blade6	114	8:00 02-25-85	6:59 03-21-85	71	mo-00114	CR P Blade4	136	8:00 02-25-85	22:11 03-25-85
12	mo-00224	ST P Blade3	132	8:00 03-06-85	5:22 03-14-85	72	mo-00202	CR P Blade1	128	8:00 03-06-85	22:27 03-24-85
13	mo-00238	SO P Blade3	104	8:00 03-08-85	9:09 03-30-85	73	mo-00254	SO P Blade1	126	8:00 03-08-85	6:10 03-18-85
14	mo-00086	ST P Blade5	128	8:00 02-23-85	11:49 03-13-85	74	mo-00226	CR P Blade4	148	8:00 03-06-85	21:43 03-24-85
15	mo-00134	ST P Blade1	148	8:00 03-01-85	13:23 04-04-85	75	mo-00250	SO P Blade1	114	8:00 03-08-85	11:29 03-19-85
16	mo-00116	CR P Blade3	120	8:00 02-23-85	21:22 03-30-85	76	mo-00232	CR P Blade2	114	8:00 03-06-85	22:58 03-15-85
17	mo-00064	ST P Blade1	146	8:00 02-19-85	19:39 03-09-85	77	mo-00242	ST P Blade4	140	8:00 03-08-85	3:12 03-23-85
18	mo-00198	ST P Blade1	148	8:00 03-06-85	8:54 04-03-85	78	mo-00182	SO P Blade3	130	8:00 03-05-85	10:44 03-15-85
19	mo-00066	ST P Blade1	146	8:00 02-23-85	21:51 03-26-85	79	mo-00110	SO P Blade4	122	8:00 02-25-85	14:17 03-20-85
20	mo-00246	SO P Blade3	136	8:00 03-08-85	8:18 03-29-85	80	mo-00154	SO P Blade4	144	8:00 03-03-85	13:47 03-08-85
21	mo-00106	ST P Blade1	144	8:00 02-25-85	3:58 03-26-85	81	mo-00200	SO P Blade4	106	8:00 03-06-85	4:39 03-22-85
22	mo-00156	ST P Blade1	142	8:00 03-03-85	8:45 03-29-85	82	mo-00142	SO P Blade3	148	8:00 03-01-85	11:30 03-08-85
23	mo-00146	SO P Blade3	120	8:00 03-01-85	8:24 03-28-85	83	mo-00190	SO P Blade4	136	8:00 03-06-85	3:28 03-17-85
24	mo-00194	ST P Blade1	138	8:00 01-05-85	15:26 04-08-85	84	mo-00052	SO P Blade2	140	8:00 02-19-85	23:59 03-12-85
25	mo-00108	ST P Blade1	138	8:00 02-23-85	1:31 03-30-85	85	mo-00180	CR P Blade1	120	8:00 03-05-85	19:15 03-21-85
26	mo-00170	ST P Blade5	114	8:00 03-05-85	7:59 03-16-85	86	mo-00230	CR P Blade1	114	8:00 03-06-85	5:23 03-17-85
27	mo-00044	ST P Blade1	138	8:00 03-01-85	8:00 03-28-85	87	mo-00118	CR P Blade2	140	8:00 02-25-85	12:51 03-19-85
28	mo-00080	ST P Blade3	112	8:00 02-23-85	21:22 03-04-85	88	mo-00168	SO P Blade1	118	8:00 03-05-85	2:16 03-16-85
29	mo-00130	ST P Blade1	132	8:00 02-25-85	1:53 03-08-85	89	mo-00034	SO P Blade1	124	8:00 02-18-85	15:18 03-12-85
30	mo-00194	ST P Blade1	126	8:00 03-06-85	13:04 03-28-85	90	mo-00124	SO P Blade3	110	8:00 02-25-85	19:57 03-11-85
31	mo-00050	ST P Blade1	120	8:00 02-19-85	2:11 03-22-85	91	mo-00166	SO P Blade1	106	8:00 03-05-85	21:08 03-10-85
32	mo-00128	ST P Blade1	118	8:00 02-25-85	2:41 03-25-85	92	mo-00076	CR P Blade1	102	8:00 02-23-85	22:05 03-19-85
33	mo-00188	ST P Blade1	106	8:00 03-06-85	4:38 04-08-85	93	mo-00028	SO P Blade1	104	8:00 02-18-85	17:19 03-12-85
34	mo-00100	ST P Blade3	104	8:00 02-23-85	19:05 03-26-85	94	mo-00158	CR P Blade1	100	8:00 03-03-85	10:57 03-14-85
35	mo-00234	ST P Blade1	106	8:00 03-06-85	21:32 03-27-85	95	mo-00136	CR P Blade1	112	8:00 03-01-85	6:33 03-19-85
36	mo-00036	ST P Blade6	104	8:00 02-18-85	9:21 03-03-85	96	mo-00148	CR P Blade1	100	8:00 03-01-85	14:56 03-13-85
37	mo-00186	ST P Blade1	102	8:00 03-06-85	16:12 03-18-85	97	mo-00094	CR P Blade3	142	8:00 02-23-85	2:46 03-19-85
38	mo-00178	ST P Blade4	142	8:00 03-05-85	6:29 04-08-85	98	mo-00138	CR P Blade1	100	8:00 03-01-85	13:21 03-07-85
39	mo-00102	SO P Blade3	122	8:00 02-25-85	19:24 03-24-85	99	mo-00054	SO P Blade1	108	8:00 02-19-85	23:52 03-11-85
40	mo-00228	ST P Blade5	112	8:00 03-06-85	21:56 03-23-85	100	mo-00084	SO P Blade1	126	8:00 02-23-85	13:31 03-09-85
41	mo-00216	CR P Blade1	126	8:00 03-06-85	8:28 04-08-85	101	mo-00044	SO P Blade5	136	8:00 02-19-85	20:50 03-03-85
42	mo-00092	SO P Blade1	146	8:00 02-23-85	1:39 03-28-85	102	mo-00062	CR P Blade1	124	8:00 02-19-85	8:58 03-18-85
43	mo-00150	SO P Blade4	142	8:00 03-03-85	13:45 04-05-85	103	mo-00070	CR P Blade3	112	8:00 02-23-85	16:06 03-15-85
44	mo-00248	SO P Blade1	142	8:00 03-08-85	7:37 03-21-85	104	mo-00082	SO P Blade4	144	8:00 02-23-85	7:03 03-08-85
45	mo-00212	CR P Blade4	122	8:00 03-06-85	0:32 04-07-85	105	mo-00020	SO P Blade5	106	8:00 02-18-85	18:43 03-06-85
46	mo-00140	CR P Blade1	130	8:00 03-01-85	20:01 04-03-85	106	mo-00132	CR P Blade1	128	8:00 02-25-85	19:42 03-13-85
47	mo-00252	SO P Blade2	142	8:00 03-08-85	19:54 03-16-85	107	mo-00120	CR P Blade4	106	8:00 02-25-85	0:20 03-14-85
48	mo-00030	SO P Blade6	112	8:00 02-18-85	19:25 03-22-85	108	mo-00098	CR P Blade1	114	8:00 02-23-85	11:40 03-13-85
49	mo-00090	SO P Blade1	128	8:00 02-23-85	13:16 03-27-85	109	mo-00096	CR P Blade4	104	8:00 02-23-85	3:33 03-02-85
50	mo-00214	CR P Blade4	136	8:00 01-06-85	10:26 04-05-85	110	mo-00048	CR P Blade1	144	8:00 02-19-85	16:02 03-09-85
51	mo-00074	SO P Blade1	124	8:00 02-23-85	16:33 03-26-85	111	mo-00060	CR P Blade5	100	8:00 02-19-85	10:41 03-02-85
52	mo-00152	CR P Blade3	118	8:00 03-03-85	7:31 03-22-85	112	mo-00016	ST P Blade1	148	8:00 02-18-85	16:12 03-03-85
53	mo-00072	ST P Blade4	112	8:00 02-23-85	5:09 03-27-85	113	mo-00032	SO P Blade5	106	8:00 02-18-85	12:49 03-04-85
54	mo-00160	SO P Blade1	116	8:00 03-03-85	9:42 03-31-85	114	mo-00042	CR P Blade6	106	8:00 02-19-85	4:56 02-26-85
55	mo-00196	SO P Blade2	128	8:00 03-06-85	5:48 03-14-85	115	mo-00022	CR P Blade1	102	8:00 02-18-85	2:13 03-13-85
56	mo-00122	CR P Blade1	122	8:00 02-25-85	1:25 03-30-85	116	mo-00056	SO P Blade4	142	8:00 02-19-85	18:44 03-01-85
57	mo-00174	SO P Blade4	128	8:00 03-05-85	20:14 03-29-85	117	mo-00026	ST P Blade3	110	8:00 02-18-85	13:00 02-26-85
58	mo-00078	CR P Blade1	140	8:00 02-23-85	16:01 03-28-85	118	mo-00040	ST P Blade1	120	8:00 02-19-85	15:09 03-08-85
59	mo-00206	SO P Blade4	112	8:00 01-06-85	6:52 03-23-85	119	mo-00058	CR P Blade1	124	8:00 02-19-85	17:39 03-02-85
60	mo-00164	CR P Blade1	128	8:00 03-05-85	5:09 03-28-85	120	mo-00024	SO P Blade1	106	8:00 02-18-85	8:57 02-24-85

4.2.19 Test-series19

###	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	Lot_PC	Product	MSQ	Rqst-SD	Rqst-DD	
1	mo-00254	SH P_blade4	113	9:00 05-25-85	1:25 06-25-85	61	mo-00098	SH P_blade6	149	8:00 03-31-85	23:56 04-30-85
2	mo-00216	SD P_blade4	149	9:00 05-22-85	17:05 06-24-85	62	mo-00102	SH P_blade6	135	8:00 03-31-85	10:37 05-01-85
3	mo-00180	FO P_blade1	101	9:00 05-19-85	2:05 06-23-85	63	mo-00128	SH P_blade4	149	8:00 04-05-85	21:00 05-09-85
4	mo-00250	SH P_blade5	111	9:00 05-25-85	11:18 06-27-85	64	mo-00082	SH P_blade1	115	8:00 03-30-85	8:06 04-27-85
5	mo-00196	SH P_blade4	135	9:00 05-19-85	13:16 06-21-85	65	mo-00134	SD P_blade3	121	8:00 04-05-85	0:18 05-02-85
6	mo-00230	SH P_blade2	117	9:00 05-22-85	21:39 06-25-85	66	mo-00114	SH P_blade4	139	8:00 04-02-85	8:47 05-07-85
7	mo-00228	SH P_blade1	131	9:00 05-22-85	13:34 06-20-85	67	mo-00110	SD P_blade1	147	8:00 03-31-85	15:06 04-27-85
8	mo-00208	SH P_blade2	117	9:00 05-22-85	4:29 06-23-85	68	mo-00118	SD P_blade4	109	8:00 04-02-85	18:41 05-04-85
9	mo-00220	FO P_blade1	139	9:00 05-22-85	17:32 06-19-85	69	mo-00120	SD P_blade1	103	8:00 04-03-85	23:42 05-01-85
10	mo-00198	SH P_blade4	109	9:00 05-19-85	0:37 06-21-85	70	mo-00074	FO P_blade1	107	8:00 03-30-85	6:51 05-03-85
11	mo-00206	SH P_blade1	135	9:00 05-22-85	22:38 06-17-85	71	mo-00108	SD P_blade4	117	8:00 03-31-85	16:23 05-03-85
12	mo-00232	SH P_blade4	123	9:00 05-22-85	7:05 06-14-85	72	mo-00066	FO P_blade1	137	8:00 03-30-85	21:22 04-27-85
13	mo-00226	SH P_blade1	111	9:00 05-22-85	5:03 06-13-85	73	mo-00090	SH P_blade2	129	8:00 03-31-85	4:58 04-21-85
14	mo-00178	SH P_blade1	133	9:00 05-19-85	16:20 06-05-85	74	mo-00072	SH P_blade1	103	8:00 03-30-85	3:07 04-29-85
15	mo-00186	SD P_blade4	107	9:00 05-19-85	22:49 06-19-85	75	mo-00100	FO P_blade4	139	8:00 03-31-85	20:43 04-29-85
16	mo-00184	SH P_blade1	133	9:00 05-19-85	9:10 06-04-85	76	mo-00116	SD P_blade3	113	8:00 04-02-85	18:16 04-18-85
17	mo-00240	SH P_blade4	139	9:00 05-25-85	2:31 06-01-85	77	mo-00088	SD P_blade1	133	8:00 03-31-85	4:54 04-26-85
18	mo-00222	SH P_blade2	129	9:00 05-22-85	14:33 06-01-85	78	mo-00106	SD P_blade3	103	8:00 03-31-85	17:41 04-18-85
19	mo-00200	SH P_blade3	119	9:00 05-19-85	5:29 05-31-85	79	mo-00112	FO P_blade1	133	8:00 03-31-85	21:22 04-24-85
20	mo-00194	SH P_blade1	109	9:00 05-19-85	18:19 06-10-85	80	mo-00132	SD P_blade1	141	8:00 04-05-85	3:15 04-26-85
21	mo-00246	SD P_blade2	127	9:00 05-25-85	4:19 06-21-85	81	mo-00130	SH P_blade1	145	8:00 04-05-85	6:13 04-13-85
22	mo-00238	SH P_blade1	129	9:00 05-22-85	23:35 05-27-85	82	mo-00126	SH P_blade1	109	8:00 04-05-85	9:08 04-14-85
23	mo-00242	SD P_blade4	145	9:00 05-25-85	10:46 06-03-85	83	mo-00080	SD P_blade2	147	8:00 03-30-85	21:07 05-02-85
24	mo-00188	SH P_blade1	127	9:00 05-19-85	21:37 06-03-85	84	mo-00096	FO P_blade1	127	8:00 03-31-85	2:04 04-26-85
25	mo-00236	SH P_blade1	119	9:00 05-22-85	19:20 06-17-85	85	mo-00076	FO P_blade3	143	8:00 03-30-85	2:55 04-06-85
26	mo-00212	SD P_blade3	107	9:00 05-22-85	1:49 06-04-85	86	mo-00092	SD P_blade2	123	8:00 03-31-85	17:17 04-25-85
27	mo-00214	SH P_blade4	127	9:00 05-19-85	5:31 06-08-85	87	mo-00070	SH P_blade4	145	8:00 03-30-85	15:27 04-24-85
28	mo-00252	SD P_blade1	131	9:00 05-25-85	9:06 06-04-85	88	mo-00078	SD P_blade3	135	8:00 04-03-85	5:56 04-09-85
29	mo-00248	SD P_blade4	117	9:00 05-25-85	13:15 06-08-85	89	mo-00122	SD P_blade1	147	8:00 04-03-85	7:44 04-12-85
30	mo-00244	FO P_blade1	107	9:00 05-25-85	21:25 06-10-85	90	mo-00086	SD P_blade4	139	8:00 03-31-85	23:06 04-23-85
31	mo-00234	SH P_blade1	149	9:00 05-22-85	10:04 05-25-85	91	mo-00124	FO P_blade4	103	8:00 03-31-85	9:12 04-20-85
32	mo-00176	FO P_blade2	149	9:00 05-22-85	15:43 06-05-85	92	mo-00104	FO P_blade1	133	8:00 03-31-85	17:02 04-08-85
33	mo-00214	SD P_blade5	101	9:00 05-22-85	20:16 06-01-85	93	mo-00084	SD P_blade1	113	8:00 03-31-85	12:15 04-16-85
34	mo-00168	SH P_blade4	143	9:00 05-19-85	21:15 06-10-85	94	mo-00094	FO P_blade4	131	8:00 03-30-85	22:53 04-15-85
35	mo-00218	FO P_blade2	137	9:00 05-19-85	8:08 05-28-85	95	mo-00068	FO P_blade4	131	8:00 03-30-85	23:42 04-08-85
36	mo-00192	FO P_blade2	137	9:00 05-19-85	19:10 06-03-85	96	mo-00040	SD P_blade6	149	8:00 03-09-85	23:47 04-12-85
37	mo-00170	SH P_blade1	109	9:00 05-19-85	22:47 06-05-85	97	mo-00048	SD P_blade2	131	8:00 03-09-85	22:47 04-12-85
38	mo-00224	SD P_blade4	135	9:00 05-22-85	19:31 06-07-85	98	mo-00058	FO P_blade1	103	8:00 03-09-85	11:45 04-12-85
39	mo-00182	SD P_blade1	111	9:00 05-19-85	15:07 05-31-85	99	mo-00050	SD P_blade2	145	8:00 03-09-85	19:59 03-21-85
40	mo-00172	FO P_blade6	131	9:00 05-22-85	4:14 06-05-85	100	mo-00062	FO P_blade1	149	8:00 03-09-85	5:51 04-07-85
41	mo-00210	FO P_blade1	119	9:00 05-22-85	0:19 05-28-85	101	mo-00028	SH P_blade2	115	8:00 03-04-85	9:06 04-07-85
42	mo-00202	SD P_blade1	115	9:00 05-19-85	18:24 06-03-85	102	mo-00044	SD P_blade5	113	8:00 03-09-85	1:24 03-24-85
43	mo-00204	FO P_blade4	141	9:00 05-19-85	21:03 05-27-85	103	mo-00042	SD P_blade3	137	8:00 03-09-85	4:56 03-22-85
44	mo-00190	FO P_blade1	149	9:00 05-19-85	17:50 05-13-85	104	mo-00038	SH P_blade1	113	8:00 03-04-85	12:44 04-03-85
45	mo-00166	SH P_blade2	127	9:00 04-21-85	6:38 05-10-85	105	mo-00046	FO P_blade4	103	8:00 03-09-85	10:48 04-09-85
46	mo-00146	SH P_blade1	125	8:00 04-21-85	9:25 05-16-85	106	mo-00054	FO P_blade1	105	8:00 03-09-85	4:38 04-03-85
47	mo-00150	SH P_blade1	135	8:00 04-21-85	21:38 05-22-85	107	mo-00064	SH P_blade4	127	8:00 03-09-85	22:27 04-06-85
48	mo-00136	FO P_blade1	107	8:00 04-21-85	17:11 05-19-85	108	mo-00018	SD P_blade4	141	8:00 03-04-85	15:15 04-04-85
49	mo-00156	FO P_blade1	149	8:00 04-21-85	19:40 04-27-85	109	mo-00052	SH P_blade1	149	8:00 03-09-85	3:14 03-15-85
50	mo-00138	FO P_blade5	123	8:00 04-21-85	21:55 05-20-85	110	mo-00022	SH P_blade4	133	8:00 03-04-85	2:15 04-01-85
51	mo-00142	FO P_blade1	101	8:00 04-21-85	5:17 05-19-85	111	mo-00056	FO P_blade1	101	8:00 03-09-85	13:29 04-02-85
52	mo-00140	SD P_blade2	129	8:00 04-21-85	17:12 05-15-85	112	mo-00060	FO P_blade4	117	8:00 03-09-85	1:56 03-24-85
53	mo-00152	SD P_blade1	109	8:00 04-21-85	21:02 05-14-85	113	mo-00020	SH P_blade5	123	8:00 03-04-85	18:14 03-26-85
54	mo-00154	SD P_blade1	129	8:00 04-21-85	10:18 04-26-85	114	mo-00030	SD P_blade6	131	8:00 03-04-85	8:46 04-05-85
55	mo-00160	FO P_blade1	117	8:00 04-21-85	17:43 05-15-85	115	mo-00036	SD P_blade1	127	8:00 03-04-85	22:29 03-23-85
56	mo-00158	SD P_blade1	105	8:00 04-21-85	14:01 04-30-85	116	mo-00034	SD P_blade1	115	8:00 03-04-85	18:47 03-10-85
57	mo-00148	FO P_blade1	149	8:00 04-21-85	0:35 04-29-85	117	mo-00026	SH P_blade4	109	8:00 03-04-85	17:06 03-18-85
58	mo-00162	SH P_blade6	101	8:00 04-21-85	10:46 05-20-85	118	mo-00032	SH P_blade4	133	8:00 03-04-85	22:19 03-09-85
59	mo-00144	SH P_blade4	147	8:00 04-21-85	10:39 04-27-85	119	mo-00024	FO P_blade1	133	8:00 03-04-85	1:59 03-31-85
60	mo-00164	FO P_blade1	143	8:00 04-21-85	10:39 04-27-85	120	mo-00016	SH P_blade1	113	8:00 02-18-85	15:01 03-17-85

###	Lot PC	Product	MSQ	Rqst-SD	Rqst-DD	Rqst-DD
1	mo-00244	ST P_blade2	122	8:00 04-15-85	8:07 05-13-85	
2	mo-00096	SH P_blade1	149	8:00 03-11-85	19:59 04-04-85	
3	mo-00094	SH P_blade1	149	8:00 03-11-85	12:50 04-02-85	
4	mo-00084	SH P_blade1	145	8:00 04-11-85	23:02 03-19-85	
5	mo-00230	SH P_blade3	100	8:00 04-15-85	5:40 05-15-85	
6	mo-00214	SH P_blade1	143	8:00 04-08-85	15:27 05-02-85	
7	mo-00250	CR P_blade3	144	8:00 04-15-85	17:43 05-19-85	
8	mo-00204	CR P_blade3	144	8:00 04-15-85	13:16 05-01-85	
9	mo-00196	SD P_blade1	117	8:00 04-08-85	21:07 03-11-85	
10	mo-00198	SH P_blade1	147	8:00 04-08-85	9:06 05-06-85	
11	mo-00130	SH P_blade1	115	8:00 04-08-85	15:01 04-21-85	
12	mo-00224	SH P_blade1	113	8:00 03-25-85	13:41 05-02-85	
13	mo-00132	SH P_blade1	107	8:00 03-25-85	9:43 04-20-85	
14	mo-00232	CR P_blade1	101	8:00 04-15-85	16:07 05-18-85	
15	mo-00242	CR P_blade5	146	8:00 04-15-85	8:03 05-13-85	
16	mo-00252	SO P_blades3	138	8:00 04-15-85	11:12 05-14-85	
17	mo-00220	FO P_blade1	125	8:00 04-08-85	2:29 05-12-85	
18	mo-00212	SH P_blade4	109	8:00 04-08-85	8:40 05-09-85	
19	mo-00160	ST P_blade1	138	8:00 04-01-85	16:26 05-05-85	
20	mo-00254	SO P_blade1	122	8:00 04-15-85	9:13 05-05-85	
21	mo-00236	SO P_blade4	118	8:00 04-15-85	3:55 05-09-85	
22	mo-00144	ST P_blade1	142	8:00 04-01-85	4:44 04-20-85	
23	mo-00154	ST P_blade1	142	8:00 04-01-85	7:29 05-05-85	
24	mo-00248	SO P_blades5	146	8:00 04-15-85	19:40 05-02-85	
25	mo-00164	ST P_blade1	140	8:00 04-15-85	15:12 04-16-85	
26	mo-00146	ST P_blade1	137	8:00 04-01-85	8:02 05-01-85	
27	mo-00208	SH P_blade4	115	8:00 04-08-85	15:00 04-20-85	
28	mo-00202	SD P_blade3	137	8:00 04-08-85	3:18 05-12-85	
29	mo-00218	FO P_blade1	147	8:00 04-08-85	4:19 05-02-85	
30	mo-00238	CR P_blades	120	8:00 04-15-85	17:26 05-06-85	
31	mo-00246	CR P_blades5	130	8:00 04-15-85	14:07 04-23-85	
32	mo-00172	ST P_blade1	118	8:00 04-15-85	23:59 05-07-85	
33	mo-00138	CR P_blade1	104	8:00 04-01-85	11:42 04-29-85	
34	mo-00174	ST P_blade4	102	8:00 04-01-85	15:20 04-27-85	
35	mo-00176	SO P_blades	124	8:00 04-01-85	8:27 04-11-85	
36	mo-00166	SO P_blade1	122	8:00 04-01-85	4:27 04-29-85	
37	mo-00210	SD P_blade4	131	8:00 04-01-85	21:05 04-25-85	
38	mo-00150	CR P_blade4	128	8:00 04-01-85	20:14 04-25-85	
39	mo-00222	SO P_blade1	122	8:00 04-15-85	15:54 04-26-85	
40	mo-00228	SD P_blade3	149	8:00 04-08-85	3:36 05-11-85	
41	mo-00216	FO P_blades	123	8:00 04-08-85	12:48 04-26-85	
42	mo-00206	SD P_blade6	123	8:00 04-08-85	4:50 04-25-85	
43	mo-00176	SO P_blade4	141	8:00 04-08-85	19:49 04-28-85	
44	mo-00200	SD P_blade1	126	8:00 04-01-85	5:36 04-23-85	
45	mo-00194	SD P_blade2	105	8:00 04-08-85	16:58 04-15-85	
46	mo-00192	CR P_blade4	135	8:00 04-01-85	5:56 04-18-85	
47	mo-00140	FO P_blade1	104	8:00 04-01-85	21:50 05-01-85	
48	mo-00182	ST P_blade1	143	8:00 04-08-85	2:55 04-15-85	
49	mo-00226	SD P_blade5	118	8:00 04-01-85	19:43 05-01-85	
50	mo-00184	ST P_blade4	109	8:00 04-08-85	16:12 04-15-85	
51	mo-00148	SO P_blades3	104	8:00 04-01-85	3:18 04-17-85	
52	mo-00166	SO P_blades5	146	8:00 04-01-85	16:21 04-10-85	
53	mo-00188	CR P_blade4	146	8:00 04-01-85	0:24 04-12-85	
54	mo-00162	CR P_blade1	130	8:00 04-01-85	10:19 04-24-85	
55	mo-00168	CR P_blades5	124	8:00 04-01-85	10:07 04-24-85	
56	mo-00158	SO P_blades3	114	8:00 04-01-85	7:45 05-06-85	
57	mo-00152	SO P_blades	130	8:00 04-01-85	10:44 04-11-85	
58	mo-00156	CR P_blades4	102	8:00 04-01-85	2:38 04-10-85	
59	mo-00178	ST P_blade1	120	8:00 04-01-85	19:15 04-17-85	
60	mo-00018	CR P_blade1	100	8:00 02-16-85	13:23 04-10-85	
61	mo-00170	ST P_blade1	100	8:00 04-01-85		9:13 04-06-85
62	mo-00142	CR P_blade1	140	8:00 04-01-85		22:52 04-12-85
63	mo-00180	CR P_blade4	106	8:00 04-01-85		20:40 04-06-85
64	mo-00082	SH P_blade1	110	8:00 04-01-85		19:09 04-18-85
65	mo-00082	SH P_blade1	115	8:00 03-11-85		0:17 04-14-85
66	mo-00026	SH P_blade1	143	8:00 02-25-85		13:50 03-04-85
67	mo-00120	SO P_blade3	120	8:00 03-18-85		8:24 04-14-85
68	mo-00098	SH P_blade1	133	8:00 03-11-85		22:53 04-05-85
69	mo-00024	SH P_blade1	125	8:00 02-25-85		20:36 03-03-85
70	mo-00134	SD P_blade1	141	8:00 03-25-85		19:20 04-07-85
71	mo-00136	SD P_blade4	113	8:00 03-25-85		7:53 04-28-85
72	mo-00116	SO P_blades	148	8:00 03-18-85		11:30 03-25-85
73	mo-00052	SH P_blade3	117	8:00 03-18-85		3:07 03-27-85
74	mo-00128	ST P_blade4	124	8:00 03-18-85		3:10 04-19-85
75	mo-00118	ST P_blade1	138	8:00 03-18-85		8:00 04-14-85
76	mo-00126	CR P_blades	112	8:00 03-18-85		9:55 04-08-85
77	mo-00088	SH P_blades	117	8:00 03-11-85		20:16 04-14-85
78	mo-00114	CR P_blade4	130	8:00 03-11-85		20:01 04-20-85
79	mo-00030	SH P_blade1	107	8:00 03-18-85		4:40 03-20-85
80	mo-00086	SD P_blade4	105	8:00 02-25-85		23:23 04-04-85
81	mo-00110	SD P_blade1	112	8:00 03-18-85		6:33 04-05-85
82	mo-00122	CR P_blade4	120	8:00 03-18-85		1:58 04-02-85
83	mo-00104	FO P_blade2	100	8:00 03-18-85		14:56 03-30-85
84	mo-00104	FO P_blade2	147	8:00 03-11-85		4:46 04-03-85
85	mo-00112	CR P_blade1	100	8:00 03-11-85		13:21 03-24-85
86	mo-00038	SH P_blade4	115	8:00 02-25-85		7:51 03-31-85
87	mo-00108	FO P_blades	125	8:00 03-11-85		19:25 04-13-85
88	mo-00108	FO P_blades	125	8:00 03-11-85		3:31 03-18-85
89	mo-00092	SO P_blade4	109	8:00 03-11-85		3:57 03-31-85
90	mo-00102	FO P_blade1	131	8:00 03-11-85		3:32 04-07-85
91	mo-00066	ST P_blade1	114	8:00 03-11-85		14:02 03-25-85
92	mo-00100	SD P_blade1	123	8:00 03-11-85		6:47 03-21-85
93	mo-00106	SD P_blade1	123	8:00 03-11-85		10:35 03-19-85
94	mo-00046	SH P_blades	121	8:00 03-11-85		7:15 03-04-85
95	mo-00090	FO P_blade1	115	8:00 02-25-85		11:19 03-26-85
96	mo-00078	FO P_blade1	119	8:00 03-11-85		0:104 03-23-85
97	mo-00064	ST P_blade1	129	8:00 03-11-85		4:28 03-22-85
98	mo-00040	SH P_blade4	110	8:00 03-04-85		5:03 03-17-85
99	mo-00056	CR P_blades	109	8:00 02-25-85		7:46 03-24-85
100	mo-00058	CR P_blades	138	8:00 03-04-85		22:59 04-03-85
101	mo-00072	ST P_blade4	110	8:00 03-04-85		23:03 03-10-85
102	mo-00076	CR P_blades	136	8:00 03-04-85		5:54 03-20-85
103	mo-00022	FO P_blade4	145	8:00 02-25-85		6:58 03-23-85
104	mo-00074	CR P_blades3	110	8:00 03-04-85		23:37 03-10-85
105	mo-00044	SD P_blade3	121	8:00 02-25-85		19:08 03-18-85
106	mo-00060	CR P_blade4	128	8:00 02-25-85		19:40 03-19-85
107	mo-00042	SH P_blades	101	8:00 03-04-85		14:28 03-17-85
108	mo-00062	SO P_blade6	101	8:00 02-25-85		0:06 03-12-85
109	mo-00070	SO P_blade4	100	8:00 03-04-85		11:40 03-22-85
110	mo-00068	CR P_blade1	114	8:00 03-04-85		3:33 03-11-85
111	mo-00050	SD P_blade4	104	8:00 03-04-85		13:55 03-29-85
112	mo-00034	SD P_blades	119	8:00 02-25-85		6:42 03-29-85
113	mo-00048	SD P_blade2	105	8:00 02-25-85		8:59 03-05-85
114	mo-00032	SD P_blades	109	8:00 02-25-85		16:48 03-12-85
115	mo-00054	SD P_blade3	127	8:00 02-25-85		20:19 03-11-85
116	mo-00020	FO P_blade6	125	8:00 02-25-85		21:44 03-20-85
117	mo-00020	FO P_blade1	121	8:00 02-25-85		3:49 03-12-85
118	mo-00028	FO P_blade1	133	8:00 02-25-85		0:59 03-14-85
119	mo-00016	CR P_blade1	117	8:00 02-25-85		10:01 03-24-85
120	mo-00018	CR P_blade1	144	8:00 02-16-85		16:02 03-08-85

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