

| Particulars | Makers & Process | Size mm | Mill Sheet LR. No. | Charge No. | Plate No. | T.S. Kg/mm | Elongation % | Bend 180° | Vessel LR. No. |
|-----------------------|-------------------------------|---|--------------------|----------------|------------|------------|--------------|-----------|-----------------------|
| Steam Drum Tube Plate | Fuji Iron and Steel Co., Ltd. | 64x1460x3360 | 1039 | Hj 6421 | E 789 | 46.7 | 31.0 | Good | B - 15115 (93-1) |
| " | | 23x1040x3660 | 868-1 | Da-800 | X8103-1 | 48.7 | 31.0 | Good | |
| Shell Plate | | 32x1100x1100 | 868-1 | Hj 6464 | X8273-1 | 47.6 | 30.0 | Good | |
| " End Plate | | 26x1100x1100 | 1039 | Da-800 | X7761-1 | 48.7 | 31.0 | Good | |
| " | " | 60x1440x3100 | 868-1 | Da-1015 | E 757-1 | 47.6 | 31.0 | Good | |
| Water Drum Tube Plate | | 22x890x3400 | 772-2 | Da-1015 | X7779-1 | 48.8 | 31.0 | Good | |
| " Shell Plate | | 30x1020x1020 | 868-1 | Hj 6464 | X8275-1 | 47.8 | 33.0 | Good | |
| " End Plate | | 25x1020x1020 | " | Da-1108 | X11810-2 | 49.0 | 27.5 | Good | |
| " | Sumitomo | 30 ^t x152x30 ^t x3180 ^L | FA.F.1100-2 | CH. N2 N 14706 | VMD.5137-2 | 46.5 | 35 | Good | |
| Wall Header | | 18x2590x2590 | 868-2 | Hj 6421 | X7833-1 | 48.4 | 29.0 | Good | SG - 15116 (93-2) |
| Shell Plate | | " | " | " | " -4 | 48.4 | 29.0 | Good | |
| " | | 24x1500x2100 | 772-1 | Da-1018 | X6216-2 | 51.1 | 27.0 | Good | |
| Cone Plate | | " | " | " | " -3 | 51.1 | 27.0 | Good | |
| " | " | 27x2180x2180 | 868-2 | Da-1018 | X6215-2 | 51.2 | 30.0 | Good | |
| End Plate | | " | " | " | " | " | " | " | |
| " | | " | " | " | " | " | " | " | |
| " | | " | " | " | " | " | " | " | |
| Steam Chest | " | 33x1270x1270 | 772-1 | Da-1018 | X8308-2 | 51.7 | 28.0 | Good | |
| " | | " | " | " | " | " | " | " | |

-Primary Boiler

Steam Generator (Secondary Drum)

Open hearth process The others
Electric furnace process

Note:

Certified

H. Chikara
Surveyor to Lloyd's Register of Shipping

Chief of Eng. Inspection Section, Hiroshima Works
Mitsubishi Shipbuilding & Engineering Co., Ltd.

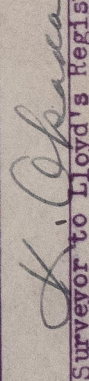
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| Particulars | Makers & Process | Size mm | Mill Sheet LR. No. | Charge No. | Plate No. | T.S. Kg/mm | Elongation % | Bend 180° | Vessel LR. No. |
|-----------------------|-------------------------------|---|--------------------|----------------|------------|------------|--------------|-----------|------------------------|
| Steam Drum Tube Plate | Fuji Iron and Steel Co., Ltd. | 64x1460x3360 | 868-1 | Da-626 | E 744-1 | 48.0 | 35.0 | Good | B - 15117 (94-1) |
| " " | | 23x1040x3660 | " | Da-800 | X8103-2 | 48.7 | 31.0 | Good | |
| Shell Plate | | 32x1100x1100 | " | Hj-6464 | X8273-2 | 47.6 | 30.0 | Good | |
| End Plate | | 26x1100x1100 | 1039 | Da-800 | X7761-2 | 48.7 | 31.0 | Good | |
| " | " | 60x1440x3100 | 868-1 | Da-1015 | E757-2 | 47.5 | 33.5 | Good | |
| Water Drum Tube Plate | | 22x890x3400 | 772-2 | Da-1015 | X7779-2 | 48.8 | 31.0 | Good | |
| " " | | 30x1020x1020 | 868-1 | Hj-6464 | X8275-2 | 47.8 | 33.0 | Good | |
| Shell Plate | | 25x1020x1020 | " | Da-1108 | X11810-1 | 49.0 | 27.5 | Good | |
| End Plate | Sumitomo | 30 ¹ x152x30 ¹ x3180 ¹ | FA-F-1100-1 | Ch. No. N14705 | VMD.5187-1 | 48.9 | 34 | Good | |
| " | | 18x2590x2590 | 868-2 | Hj-6421 | X7833-2 | 48.4 | 29.0 | Good | |
| Cone Plate | | " | " | " | " -3 | 47.8 | 28.0 | Good | SG - 15118 (94-2) |
| " | | 24x1500x2100 | " | Da-1018 | X11245 | 52.1 | 30.5 | Good | |
| End Plate | " | " | 772-1 | " | X6216-4 | 51.1 | 27.0 | Good | |
| " | | 27x2180x2180 | 868-2 | Da-1018 | X6215-1 | 51.2 | 30.0 | Good | |
| Steam Chest | | 33x1270x1270 | 772-1 | Da-1018 | X8308-1 | 51.7 | 28.0 | Good | |

Note:

 Open hearth process
 Electric furnace process The others

Certified



Surveyor to Lloyd's Register of Shipping

 Chief of Eng. Inspection Section, Hiroshima Works
 Mitsubishi Shipbuilding & Engineering Co., Ltd.

M. V. "LIKHOSLAVL" (USSR)
S. No. H-161

Advice Note (3)

AUX. BOILER TUBE

5. Feb. 1963

MITSUBISHI HIROSHIMA DOUBLE EVAPORATION
WATER TUBE BOILER

2 SETS

| | MATERIALS | | | SIZE (mm) | | | NO OF PCS. | | | | | | | MAKER'S NAME |
|---------------------------------------|----------------|-------------|-------------------------------|--------------|-----|------|------------|-----------|------------|-------|--|--|--|---|
| | MILL SHEET NO. | WORKING NO. | SPECIFIED | D | T | L | WORK. | SUP. SPE. | SHOP. SPE. | TOTAL | | | | |
| BOILER LR'S NO B-15117 & B-15115 | 110 | YXC 5678 | LR'S BOILER TUBE CARBON STEEL | 25.4 | 2.6 | 3240 | 122 | 4 | 32 | 158 | | | | SUMITOMO METAL INDUSTRIES, LTD AMAGASAKI, WORKS |
| | 109 | YXC 5677 | " | " | " | 3100 | 122 | 4 | | 126 | | | | " |
| | 96 | YXC 5676 | " | " | " | 2960 | 122 | 4 | | 126 | | | | " |
| | 108 | YXC 5675 | " | " | " | 2850 | 122 | 4 | | 126 | | | | " |
| | 82 | YXC 5674 | " | " | " | 2750 | 122 | 4 | 120 | 246 | | | | " |
| | 107 | YXC 5673 | " | " | " | 2660 | 122 | 4 | | 126 | | | | " |
| | 105 | YXC 5671 | " | " | " | 2580 | 122 | 4 | | 126 | | | | " |
| | 78 | YXC 5669 | " | " | " | 2500 | 122 | 4 | | 126 | | | | " |
| | 95 | YXC 5667 | " | " | " | 2460 | 122 | 4 | | 126 | | | | " |
| | 102 | YXC 5666 | " | " | " | 2420 | 122 | 4 | | 126 | | | | " |
| PRIMARY BOILER NO 93-1 & 94-1 | 101 | YXC 5664 | " | " | " | 2380 | 122 | 4 | | 126 | | | | " |
| | 80 | YXC 5663 | " | " | " | 2370 | 488 | 16 | | 504 | | | | " |
| | 81 | YXC 5665 | " | " | " | 2400 | 244 | 8 | | 252 | | | | " |
| | 103 | YXC 5668 | " | " | " | 2480 | 122 | 4 | | 126 | | | | " |
| | 106 | YXC 5672 | " | " | " | 2600 | 122 | 4 | | 126 | | | | " |
| | 104 | YXC 5670 | " | 25.4 | 2.6 | 2520 | 122 | 4 | | 126 | | | | " |
| | 1035 | YXA 6189 | " | 50.8 | 4.5 | 4150 | 86 | 2 | 4 | 92 | | | | " |
| | 1064 | YXA 6187 | " | " | " | 2750 | 60 | 2 | | 62 | | | | " |
| | 1034 | YXA 6188 | " | " | " | 2950 | 60 | 2 | 8 | 70 | | | | " |
| | 1089 | MBX 5162 | " | 25.4 | 2.6 | 4813 | 40 | 2 | 2 | 44 | | | | " |
| DRUM LR'S NO 15G-15116 & 15G-15118 | 1090 | MBX 5163 | " | " | " | 6914 | 40 | 2 | 2 | 44 | | | | " |
| | 1091 | MBX 5164 | " | " | " | 7009 | 38 | 2 | 2 | 42 | | | | " |
| | 1092 | MBX 5165 | " | " | " | 7104 | 36 | 2 | 2 | 40 | | | | " |
| | 1093 | MBX 5166 | " | " | " | 7200 | 34 | 2 | 2 | 38 | | | | " |
| | 1094 | MBX 5167 | " | " | " | 7295 | 24 | 2 | 2 | 28 | | | | " |
| | 1095 | MBX 5168 | " | " | " | 7418 | 22 | 2 | 2 | 26 | | | | " |
| | 1096 | MBX 5169 | " | " | " | 7486 | 24 | 2 | 2 | 28 | | | | " |
| | 1097 | MBX 5170 | " | " | " | 7580 | 12 | 2 | 2 | 16 | | | | " |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| SECONDARY BOILER NO 93-2 & 94-2 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |

H. Okada

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING

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