



COMBINED BILL OF MATERIAL

Printed On:08.08.2011
Printed By:

CBOM No: 01160357000 CBOM Var: 00 Revno: 3 Rev Date: 09.11.2010
Description: OIL PIPING OF FRONT PEDESTAL Total weight: 11.0

| RECORD OF CHANGES | | | |
|-------------------|-----|-------|------------|
| Drawing No | Var | Revno | Rev Date |
| 01160357000 | 00 | 1 | 25.10.2007 |
| 01160357000 | 00 | 2 | 24.03.2010 |
| 01160357000 | 00 | 3 | 09.11.2010 |

Description
Automatic chg ST24001 /63
Automatic chg ST40015 /00
Auto Revision ST24001/561

CBOM - 01160357000 00

| ENGG | | MTE | | TTX | | WTX | |
|---------|------------|---------|------------|---------|------------|---------|------------|
| Initial | Date | Initial | Date | Initial | Date | Initial | Date |
| stemsb | 10.03.2007 | mteasr | 04.05.2007 | ttxrks | 04.05.2007 | wtxvkd | 24.03.2007 |
| steng | 13.03.2007 | mteasr | 04.05.2007 | ttxvko | 04.05.2007 | wtxvkd | 24.03.2007 |
| stbsg | 18.05.2007 | mtejpm | 04.05.2007 | ttxvko | 05.05.2007 | wtxyss | 20.04.2007 |

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Description: OIL PIPING OF FRONT PEDESTAL

| Item No | Drawingno | Var | Mvar | Mat Code | Mat Spec | Weight | Blank Sizes | Nos | Qty | Norm/pc | Extra Norm | Total Norm |
|------------|------------------------------|------|-----------|--------------|---------------|------------|---------------------|-----|-----|---------|------------|------------|
| Qty(Total) | Description | | | | Assy. Remarks | Inclusion? | Mat Shape | | | Remarks | | |
| Typ | Cat | Zone | Var/Matl. | Description | ENG SIZE/GRP | Fab Wt | Route | | | | Spare Code | Unit |
| 0 | 01160357000 | 00 | | | | 11.0 | | | | | | |
| 1(1) | OIL PIPING OF FRONT PEDESTAL | | | | MAIN ASSY | Y | 0236 | | | | | |
| MF CD | | | | | Y | | | | | | | |
| 1 | 41160357001 | 00 | 00 | HW1041046855 | AA10446 | 0.4 | 686.0 | 1 | 1 | 0.7 | 0.0 | 0.7 |
| 1(1) | PIPE DIA 17.2X1.8 | | | | | Y | PI 17.2X1.8 | | | | | |
| MF DR | | | | | | | 0072-0315-0346-0236 | | | | | MR |
| 2 | 31160308011 | 03 | 00 | W97372511208 | AA0401601 | 0.0020 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 1(1) | INSCRIPTION PLATE | | | | | Y | | | | | | |
| BO DR | | | | | | | 0074-0236 | | | | | NO |
| 3 | 41160308011 | 01 | 00 | W97372511011 | AA0401201 | 0.0050 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 1(1) | INSCRIPTION PLATE | | | | | Y | | | | | | |
| BO DR | | | | | | | 0074-0236 | | | | | NO |
| 4 | 41160305001 | 00 | 00 | HW1021093041 | HW10293 | 0.5 | 180.0 | 1 | 1 | 0.2 | 0.0 | 0.2 |
| 1(1) | PIPE 48.3X2.6X180 | | | | | Y | PI 48.3X2.6 | | | | | |
| MF DR | | | | | | | 0072-0236-0346-0236 | | | | | MR |
| 5 | 31160308011 | 02 | 00 | W97372511020 | AA0401201 | 0.0020 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 1(1) | INSCRIPTION PLATE | | | | | Y | | | | | | |
| BO DR | MAX42BP011 | | | | | | 0074-0236 | | | | | NO |
| 6 | 41160305003 | 00 | 00 | AA1041046340 | AA10446 | 0.9 | 1030.0 | 1 | 1 | 1.13 | 0.0 | 1.13 |
| 1(1) | PIPE 21X3.2 | | | | | Y | PI 21.3X3.6 | | | | | |
| MF DR | | | | | | | 0072-0315-0346-0236 | | | | | MR |
| 7 | ST42432 053 | | | W97372410347 | ST42432 | 0.3 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 1(1) | REDUCER | | | | | Y | ST42432.053 | | | | | |
| BO DR | 48.3X2.6X33.7X2.6 | | | | | | 0074-0236 | | | | | NO |
| 8 | ST42432 044 | | | W97372410266 | ST42432 | 0.12 | 0.0 | 1 | 1 | 1.0 | 0.0 | 1.0 |
| 1(1) | REDUCER | | | | | Y | ST42432.044 | | | | | |
| BO DR | 33.7X17.2X2.6 | | | | | | 0074-0236 | | | | | NO |
| 9 | 31231102012 | 02 | 00 | AA1010209132 | AA10109 | 0.085 | 65.0 | 1 | 1 | 0.34 | 0.0 | 0.34 |
| 1(1) | STUB | | | | | Y | RND 28 | | | | | |
| MF DR | 25.5X21.3X2 | | | | | | 0072-0236 | | | | | KG |

| ENGG | | | MTE | | | TTX | | | WTX | | |
|-------------|------------|--|---------|------------|--|---------|------------|--|---------|------------|--|
| Initial | Date | | Initial | Date | | Initial | Date | | Initial | Date | |
| stemsb | 10.03.2007 | | mtear | 04.05.2007 | | ttxrks | 04.05.2007 | | wtxvkd | 24.03.2007 | |
| steng | 13.03.2007 | | mtear | 04.05.2007 | | ttxvko | 04.05.2007 | | wtxvkd | 24.03.2007 | |
| stebgs | 18.05.2007 | | mtjpm | 04.05.2007 | | ttxvko | 05.05.2007 | | wtxyss | 20.04.2007 | |
| Worked By | | | | | | | | | | | |
| Checked By | | | | | | | | | | | |
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Rev Date: 09.11.2010
Total weight: 11.0

CBOM No: 01160357000 CBOM Var: 00 Revno: 3
Description: OIL PIPING OF FRONT PEDESTAL

| Item No | Drawingno | Var | Mvar | Mat Code | Mat Spec | Weight | Blank Sizes | Nos | Qty | Norm/pc | Extra Norm | Total Norm |
|------------|-------------|-------|------------------------|--------------|---------------|------------|----------------|-----|-----|-----------|------------|------------|
| Qty(Total) | Description | | | | Assy. Remarks | Inclusion? | Mat Shape | | | Remarks | | |
| Type | Cat | Zone | Var/Matl. Description | | ENG SIZE/GRP | Fab Wt | Route | | | | Spare Code | Unit |
| 10 | 1(1) | MF DR | 31231102012 00 00 | AA1010209124 | AA10109 | 0.085 | 60.0 | 1 | 1 | 0.24 | 0.0 | 0.24 |
| | | | STUB | | | Y | RND 25 | | | DIA25X60 | | KG |
| | | | 21.5X17.2X1.8 | | | | 0072-0236 | | | | | |
| 11 | 1(1) | MF DR | ST40012 008 | AA1011819198 | AA10119 | 0.92 | 100.0X100.0 | 1 | 1 | 3.3 | 0.0 | 3.3 |
| | | | FLANGE | | | Y | PL 40 | | | | | |
| | | | 40-48.3 | | | | 0072-0301-0236 | | | | | KG |
| 12 | 1(1) | MF DR | ST40020 003 | AA1011819198 | AA10119 | 0.34 | 50.0X100.0 | 1 | 1 | 1.6 | 0.0 | 1.6 |
| | | | FLANGE | | | Y | PL 40 | | | | | |
| | | | A 15-21.3 | | | | 0072-0301-0236 | | | | | KG |
| 13 | 1(1) | RM DR | PIPE D 17.2X1.8, L=100 | HW1041046855 | AA10446 | 0.07 | 100.0 | 1 | 1 | 0.105 | 0.0 | 0.105 |
| | | | ST-BQ-A1-CDS-TUBE | | | Y | PI 17.2X1.8 | | | | | MR |
| | | | 21231002004 04 00 | AA1011819155 | AA10119 | 0.66 | 85.0X85.0 | 1 | 1 | 1.5 | 0.0 | 1.5 |
| | | | THROTTLE PLATE | | | Y | PL 25 | | | | | KG |
| | | | A 25-33.7 | | | | 0072-0301-0236 | | | | | |
| 15 | 1(1) | MF DR | ST46001 026 | AA1020218193 | AA10218 | 0.045 | 30.0 | 1 | 1 | 0.58 | 0.0 | 0.58 |
| | | | ORIFICE | | | Y | RND 56 | | | DIA 36X30 | | KG |
| | | | M30X1.5X6 | | | | 0072-0236 | | | | | |
| 16 | 1(1) | BO DR | 27621001001 00 00 | W97976210017 | | 0.2 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | PIPE UNION | | | Y | | | | | | NO |
| | | | DN 10-17.2X1.8 | | | | 0074-0236 | | | | | |
| 17 | 1(1) | BO DR | ST24001 634 | W97359906342 | ST24001 | 0.0050 | 0.0 | 1 | 1 | 1.0 | 0.0 | 1.0 |
| | | | O-RING | | | Y | 53X3.55 | | | | | NO |
| | | | 53X3.55 | | | | 0074-0236 | | | 1F1 | | |
| 18 | 6(6) | BO DR | SCRU HEX A- 8.8 | AA7121123401 | AA7121123 | 0.059 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | M12X50 | | | Y | | | | | | NO |
| 19 | 6(6) | BO DR | NUT HEX. A-8 | AA7151115040 | AA7151115 | 0.017 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | M12 | | | Y | 0074-0236 | | | | | NO |

| ENGG | | | MTE | | | TTX | | | WTX | | |
|-------------|------------|--|---------|------------|--|---------|------------|--|---------|------------|--|
| Initial | Date | | Initial | Date | | Initial | Date | | Initial | Date | |
| stemsb | 10.03.2007 | | mtear | 04.05.2007 | | ttxrks | 04.05.2007 | | wtxvkd | 24.03.2007 | |
| steng | 13.03.2007 | | mtear | 04.05.2007 | | ttxvko | 04.05.2007 | | wtxvkd | 24.03.2007 | |
| stebgs | 18.05.2007 | | mtjpm | 04.05.2007 | | ttxvko | 05.05.2007 | | wtxyss | 20.04.2007 | |
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Rev Date: 09.11.2010
Total weight: 11.0

CBOM No: 01160357000 CBOM Var: 00 Revno: 3
Description: OIL PIPING OF FRONT PEDESTAL

| Item No | Drawingno | Var | Mvar | Mat Code | Mat Spec | Weight | Blank Sizes | Nos | Qty | Norm/pc | Extra Norm | Total Norm |
|------------|-------------------|------|-----------|----------------------|------------------------|------------|---------------------|-----|-----|-------------|------------|------------|
| Qty(Total) | Description | | | | Assy. Remarks | Inclusion? | Mat Shape | | | Remarks | | |
| Type | Cat | Zone | Var/Matl. | Description | ENG SIZE/GRP | Fab Wt | Route | | | | Spare Code | Unit |
| 20 | 12(12) | BO | DR | WASHER TAB A-ST | HW7169096048 HW7169096 | 0.0060 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | | 13 | | Y | 0074-0236 | | | | | NO |
| 21 | 31160308009 00 00 | | | PIPE 17.2X1.8 L=1240 | HW1041046855 AA10446 | 0.85 | 1340.0 | 1 | 1 | 1.44 | 0.0 | 1.44 |
| 1(1) | | | | | | Y | PI 17.2X1.8 | | | | | |
| MF | DR | | | | | | 0072-0315-0346-0236 | | | | | MR |
| 22 | 4(4) | BO | DR | SCRU HEX A - 8.8 | AA7121123312 AA7121123 | 0.054 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | | M10X70 | | Y | 0074-0236 | | | | | NO |
| 23 | 4(4) | BO | DR | NUT HEX. A-8 | AA7151115032 AA7151115 | 0.012 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | | M10 | | Y | 0074-0236 | | | | | NO |
| 24 | 8(8) | BO | DR | WASHER TAB A-ST | HW7169096030 HW7169096 | 0.0030 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | | 10.5 | | Y | 0074-0236 | | | | | NO |
| 25 | 1(1) | BO | DR | ST24001 297 | W97359902975 ST24001 | 0.0010 | 0.0 | 1 | 1 | 1.0 | 0.0 | 1.0 |
| | | | | O-RING | | Y | 18X2.65 | | | | | |
| | | | | 18X2.65 | | | 0074-0291 | | | 1F1 | | NO |
| 26 | 1(1) | MF | DR | ST40012 006 | AA1011819198 AA10119 | 0.7 | 85.0X85.0 | 1 | 1 | 2.3 | 0.0 | 2.3 |
| | | | | FLANGE | | Y | PL 40 | | | PL,40X85X85 | | |
| | | | | 25-33.7 | | | 0072-0301-0236 | | | | | KG |
| 27 | 1(1) | MF | DR | ST40015 005 | AA1011819198 AA10119 | 0.7 | 85.0X85.0 | 1 | 1 | 2.3 | 0.0 | 2.3 |
| | | | | FLANGE | | Y | PL 40 | | | PL 40X85X85 | | |
| | | | | 25-33.7 | | | 0072-0301-0291 | | | | | KG |
| 28 | 2(2) | BO | DR | ST24001 561 | W97359905613 ST24001 | 0.0020 | 0.0 | 1 | 2 | 1.0 | 0.0 | 2.0 |
| | | | | O-RING | | Y | 36.5X2.65 | | | | | |
| | | | | 36.5X2.65 | | | 0074-0236 | | | 1F1 | | NO |
| 29 | 4(4) | BO | DR | SCRU HEX B P-8.8 | HW7121124670 AA7121124 | 0.715 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| | | | | M30X90 | RESIZETO M30X80 | Y | 0074-0236 | | | | | NO |

| ENGG | | | MTE | | | TTX | | | WTX | | |
|-------------|------------|--|---------|------------|--|---------|------------|--|---------|------------|--|
| Initial | Date | | Initial | Date | | Initial | Date | | Initial | Date | |
| stemsb | 10.03.2007 | | mtear | 04.05.2007 | | ttxrks | 04.05.2007 | | wtxvkd | 24.03.2007 | |
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CBOM No:

01160357000 CBOM Var:

00

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Rev Date:

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Description:

OIL PIPING OF FRONT PEDESTAL

Total weight:

11.0

| Item No | Drawingno | Var | Mvar | Mat Code | Mat Spec | Weight | Blank Sizes | Nos | Qty | Norm/pc | Extra Norm | Total Norm |
|------------|-------------|-----------|-------------|--------------|-----------|------------|-------------|-----|-----|--------------------|------------|------------|
| Qty(Total) | Description | Var/Matl. | Description | Mat Code | Mat Spec | Inclusion? | Mat Shape | | | Remarks | Spare Code | Unit |
| Type | Cat | Zone | | | | Fab Wt | Route | | | | | |
| 30 | | | | HW7169098113 | HW7169098 | 0.0 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 4(4) | | | | | | Y | | | | | | |
| BO | DR | | | | | | 0074-0236 | | | | | NO |
| 31 | | | | HW1071740962 | AA10740 | 0.0050 | 68.0X108.0 | 1 | 6 | 0.02 | 0.0 | 0.12 |
| 6(6) | | | | | | Y | SH 0.2 | | | SH.0.20X68.0X108.0 | | |
| MF | DR | | | | | | 0072-0236 | | | | | KG |
| 32 | | | | HW1071740946 | AA10740 | 0.0010 | 108.0X68.0 | 1 | 8 | 0.01 | 0.0 | 0.08 |
| 8(8) | | | | | | Y | SH 0.1 | | | SH.0.10X108.0X68.0 | | |
| MF | DR | | | | | | 0072-0236 | | | | | KG |
| 33 | | | | HW1071740962 | AA10740 | 0.0010 | 68.0X68.0 | 1 | 6 | 0.015 | 0.0 | 0.09 |
| 6(6) | | | | | | Y | SH 0.2 | | | SH.0.20X68.0X68.0 | | |
| MF | DR | | | | | | 0072-0236 | | | | | KG |
| 34 | | | | HW1071740946 | AA10740 | 0.0010 | 68.0X68.0 | 1 | 8 | 0.01 | 0.0 | 0.08 |
| 8(8) | | | | | | Y | SH 0.1 | | | SH.0.10X68.0X68.0 | | |
| MF | DR | | | | | | 0072-0236 | | | | | KG |
| 35 | | | | AA7151115059 | AA7151115 | 0.034 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 2(2) | | | | | | Y | | | | | | |
| BO | DR | | | | | | 0074-0236 | | | | | NO |
| 36 | | | | HW7169096056 | HW7169096 | 0.0080 | 0.0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| 2(2) | | | | | | Y | | | | | | |
| BO | DR | | | | | | 0074-0236 | | | | | NO |
| 37 | | | | AA1020218100 | AA10218 | 0.16 | 110.0 | 1 | 2 | 0.271 | 0.0 | 0.542 |
| 2(2) | | | | | | Y | RND 20 | | | | | |
| MF | DR | | | | | | 0072-0236 | | | | 1F1 | KG |

| ENG | | | MTE | | | TTX | | | WTX | | |
|-------------|------------|--|---------|------------|--|---------|------------|--|---------|------------|--|
| Initial | Date | | Initial | Date | | Initial | Date | | Initial | Date | |
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