

THIS IS A COMPUTER AIDED DRAWING AND MUST NOT BE ALTERED MANUALLY

Tolerances except as noted

Welding except as noted

Description of revision		Chk.	Appr.	Date / Sign.
Rev.				
0	ISSUED FOR CONSTRUCTION	BRT	OH	07-FEB-07/JBP
A	ADDED HOSE	RET	TE	04-JUL-07/KE

NOTE:

HOSE FITTINGS:

INSERTS

INSERT no. 1 ALWAYS TO BE OF STRAIGHT TYPE UNLESS NOTIFIED OTHERWISE
INSERT no. 2 TO BE ALIGNED FACING IN TOWARDS THE NATURAL BEND OF THE HOSE
HOSES WITH BENT FITTINGS BOTH ENDS - ANGULAR ORIENTATION OF INSERTS
LOOKING ALONG THE CENTRE OF THE HOSE BORE WITH THE NO. 1 INSERT NEAREST AND WITH
THE INSIDE OF THE NATURAL HOSE BEND FACING UP, THE ANGULAR ORIENTATION OF EACH INSERT
IS THE CLOCKWISE ABSOLUTE ANGLE FROM THE 12 O'CLOCK POSITION

FERRULES

USE FERRULES OF APPROVED TYPE/MATERIAL ACC. TO HOSE AND INSERT FITTING

CLEANING:

ALL HOSES TO BE FLUSHED IN ACCORDANCE WITH: MH FLUSHING PROCEDURE: KA23-0001

PRESSURE TESTING:

ALL HOSES TO BE PRESSURE TESTED IN ACCORDANCE WITH:
MH PRESSURE TEST PROCEDURE: KA32-0001

IDENTIFICATION:

THE LABEL TEXT SHALL CONTAIN FOLLOWING INFO:

SHEET REF. (TOP OF EACH TABLE) AND CORRESPONDING HOSE ID.

E.G. 02M03

IF THE SHEET REFERENCE ALSO REFERS TO AN OPTION CODE.

THIS CODE IS TO BE INSERTED BETWEEN THE SHEET REFERENCE AND THE HOSE ID.

E.G. 02G0H03

THE LABEL MUST BE OF A TYPE WHICH WILL WITHSTAND WEAR AND TEAR,

AND STILL BE READABLE FOR THE LIFETIME OF THE HOSE.

THE HOSE SHALL BE PHYSICALLY LABELLED WITH ONE LABEL IN EACH END.

BESIDE THE GRIP SLEEVE, FOR ALL HOSES LONGER THAN 1000mm

FOR HOSES SHORTER THAN 1000mm, IT IS SUFFICIENT TO LABEL THE

INSERT no. 2 END ONLY.

ASSEMBLY ON EQUIPMENT:

INSERT no. 2 ON HOSE ARE IDENTIFIED BY A SHADED ARROWHEAD

ON THE HYDRAULIC FLOW DIAGRAM HOSE ID LABELS.

LENGTH MEASUREMENT:

HOSE LENGTHS TO BE MEASURED BETWEEN SEALFACES OF THE HOSE FITTINGS

"F-ID" AND "P-ID" COLUMNS

FLUSHING/PRESSURE TEST LOOP ID'S TO BE FILLED IN (REF KA 23 AND 32)

13	1818059	TORQUE MASTER, HOSE SCHEDULE FOR SHEET 07-10
12	1818058	TORQUE MASTER, HOSE SCHEDULE FOR SHEET 04-06
11	1818057	TORQUE MASTER, HOSE SCHEDULE FOR SHEET 07-03
10	1818056	TORQUE MASTER, T.W.
09	1818055	TORQUE MASTER, CASING STABBING GUIDE
08	1818054	TORQUE MASTER, BACK-UP TONG
07	1818053	TORQUE MASTER, SPINNER
06	1818052	TORQUE MASTER, MAIN TONG CHUCK
05	1818051	TORQUE MASTER, MAIN TONG CHUCK CONTROL
04	1818050	TORQUE MASTER, MAIN TONG DRIVE
03	1818049	TORQUE MASTER, MAIN TONG DOLLY
02	1818048	TORQUE MASTER, MAIN FRAME
01	1818047	TORQUE MASTER, MANIFOLD IN DEBRICK
SHEET NO.1/MH DWG NO. 1 CONTENTS OF DRAWING		

1	3	HOSE PACKAGE	MH 1818058, ITEM 3	60567
1	2	HOSE PACKAGE	MH 1818058, ITEM 2	60566
1	1	HOSE PACKAGE	MH 1818058, ITEM 1	60565
Qty.	Item	Description	Dwg./Material	Unit weight Part number
Date 10-MAY-06	Drawn JHB	Traced AKA	Scale N/A	
Checked BRT	Approved OH	Projection E=H		



HIGH EFFICIENCY JACK-UP B276

TORQUE MASTER HOSE SCHEDULE FOR SHEET 04-06

HYDRAULIC FLOW DIAGRAM, SHEET 12

Format A1	Drawing number 1818058	Rev A
--------------	---------------------------	----------

SHEET NO.: 04

ID	HOSE TYPE	BORE	LENGTH (mm)	INSERT no. 1				INSERT no. 2			
				SPEC.	SIZE	FACE	SPEC.	SIZE	FACE	TYPE	INSERT MATERIAL
H01	MSK (3000 psi)	1/4"	700	SAE J514	9/16"-18	FEMALE	SAE J514	9/16"-18	FEMALE	STRAIGHT	SAE 12L14, 207
H02	MSK (3000 psi)	1/4"	1270	SAE J514	9/16"-18	FEMALE	SAE J514	9/16"-18	FEMALE	90°	SAE 12L14, 207
H03	MSK (3000 psi)	1/4"	700	SAE J514	9/16"-18	FEMALE	SAE J514	9/16"-18	FEMALE	STRAIGHT	SAE 12L14, 207
H04	MSK (3000 psi)	1/4"	1140	SAE J514	9/16"-18	FEMALE	SAE J514	9/16"-18	FEMALE	90°	SAE 12L14, 207
H05	MSK (4000 psi)	1/2"	860	SAE J514	7/8"-14	FEMALE	SAE J514	7/8"-14	FEMALE	90°	SAE 12L14, 207
H06	MSK (4000 psi)	1/2"	900	SAE J514	7/8"-14	FEMALE	SAE J514	7/8"-14	FEMALE	90°	SAE 12L14, 207
H07	MSK (4000 psi)	1/2"	680	SAE J514	7/8"-14	FEMALE	SAE J514	7/8"-14	FEMALE	45°	SAE 12L14, 207
H08	MSK (4000 psi)	1/2"	680	SAE J514	7/8"-14	FEMALE	SAE J514	7/8"-14	FEMALE	45°	SAE 12L14, 207

SHEET NO.: 05

ID	HOSE TYPE	BORE	LENGTH (mm)	INSERT no. 1				INSERT no. 2			
				SPEC.	SIZE	FACE	SPEC.	SIZE	FACE	TYPE	INSERT MATERIAL
H01	MSK (3000 psi)	1/2"	500	SAE J514	7/8"-14	FEMALE	SAE J514	7/8"-14	FEMALE	STRAIGHT	SAE 12L14, 207
H02	MSK (3000 psi)	3/4"	500	SAE J514	1 1/16"-12	FEMALE	SAE J514	1 1/16"-12	FEMALE	STRAIGHT	SAE 12L14, 207
H03	MSK (3000 psi)	3/4"	500	SAE J514	1 1/16"-12	FEMALE	SAE J514	1 1/16"-12	FEMALE	STRAIGHT	SAE 12L14, 207
H04	MSK (3000 psi)	1/2"	500	SAE J514	7/8"-14	FEMALE	SAE J514	7/8"-14	FEMALE	STRAIGHT	SAE 12L14, 207

SHEET NO.: 06

ID	HOSE TYPE	BORE	LENGTH (mm)	INSERT no. 1				INSERT no. 2			
				SPEC.	SIZE	FACE	TYPE	SPEC.	SIZE	FACE	TYPE
H01	MEGAVAC-16	1"	520	SAE J518 G1	1"	O-RING	45°	SAE J518 G1	1"	O-RING	90°
H02	MEGAVAC-16	1"	425	SAE J518 G1	1"	O-RING	90°	SAE J518 G1	1"	O-RING	90°
H03	MSK (3000 psi)	1/2"	365	SAE J514	3/4"-16	FEMALE	STRAIGHT	N/A	SAE J514	3/4"-16"	FEMALE
H04	MSK (3000 psi)	1/2"	345	SAE J514	3/4"-16	FEMALE	STRAIGHT	N/A	SAE J514	3/4"-16"	FEMALE
H05	MSK (3000 psi)	1/2"	370	SAE J514	3/4"-16	FEMALE	STRAIGHT	N/A	SAE J514	3/4"-16"	FEMALE
H06	MEGAVAC-16	1"	660	SAE J514	1 5/16"-12"	FEMALE	STRAIGHT	N/A	SAE J518 G1	1"	O-RING
H07	MEGAVAC-16	1"	595	SAE J518 G1	1"	O-RING	90°	SAE J518 G1	1"	O-RING	45°
H08	MSK (3000 psi)	3/8"	1340	SAE J514	3/4"-16	FEMALE	STRAIGHT	N/A	SAE J514	3/4"-16	FEMALE

* FOR INSERT ORIENTATION FOR HOSES ON SHEET 06 - REFER TO NOTES