



- NOTES :
1. THE SYSTEM COMPLIES TO CAP-437 7TH.
 2. ALL ELECTRICAL/INSTRUMENT ARE SUITABLE FOR CLASS 1 DIV.2
 3. ALL PIPING SYSTEM AND ALL EQUIPMENT ARE TO BE ELECTRICALLY BONDED.
 4. ALL THE ITEMS BEYOND THE DASH DOTTED LINES ARE NOT INCLUDED IN SCOPE OF SUPPLY AND TO BE CARRIED OUT BY OTHERS/CLIENTS.
 5. PUMP CONTROL/OPERATION & SHUTDOWN LOGICS ARE DERIVED FROM THE MOTOR STARTER PANEL.
 6. SKID COAMING HEIGHT TO BE 150MM FOR PUMP SKID, DISPENSER SKID AND TANK SKID.
 7. TANKS' DRAIN SHALL ONLY PLUGGED WHEN TRANSFER OUT OF DESIGNED AREA.
 8. REFUELING OPERATION SHALL ALWAYS MAN FROM DISPENSER UNIT (REMOTE CONTROL PANEL).
 9. ALL THE ITEMS IN THE DRAWINGS REFER TO 4.0 - PE-0003 REV A - Bill of Material - BOM SUPPLIED BY MANUFACTURE.

REV. NO.	DATE	DESCRIPTION	MODIFIED	CHECKED
0	2015.10.14	ISSUED FOR SHIPYARD CONSTRUCTION	ZLH	

TP	DESCRIPTION	SIZE/RATING/MATERIAL
01	PUMP FUEL OUTLET	2" ANSI 150# FR (A182-F316/316L)
02	DISPENSER FUEL INLET	2" ANSI 150# FR (A182-F316/316L)
03	LAYDOWN SKID DRAIN	3" ANSI 150# FR A105
04	DISPENSER SKID DRAIN	2" ANSI 150# FR A105
05	INSTRUMENT AIR INLET	1/2" NPTF 316SS
06	FIRE WATER/ FOAM INLET	2" ANSI 150# FR (A182-F316/316L)
07	FIRE WATER/ FOAM INLET	2" ANSI 150# FR (A182-F316/316L)

PUMP SKID	
QTY	TWO (2)
CAPACITY	225 LPM
DISCHARGE HEAD	6.0 BARG
PUMP TYPE	API 676 PD ROTARY VANE
DRIVER	ELECTRICAL MOTOR
MOTOR	End 1B T3 IP56 380VAC/3PH/50HZ 5.5KW
SPACE HEATER	230VAC/1PH/50HZ
INSTALLATION	ON LAYDOWN SKID
DESIGN TEMPERATURE	-20°C/60°C

DISPENSING SKID	
QTY	ONE (1) UNIT
CAPACITY	225 LPM
FILTRATION	API 1581 TYPE S CATEGORY C
WATER REMOVAL	API 1583 (WATER MONITOR)
REFUELING METHOD	OVERWING
DESIGN PRESSURE	1000 KPAIG (PIPING & PRESSURE VESSELS)
DESIGN TEMPERATURE	-20°C/60°C
INSTALLATION	HELIDECK

TOTE TANK	
QTY	TWO (2) UNIT
CAPACITY	2900 LITERS (EACH)
DESIGN CODE	ASME VIII DIV. 1 / MDG T4 / DNV 2.7-1
DESIGN PRESSURE	217 KPAIG (INT) / -21 KPAIG (VAC)
INSTALLATION	LOOSE/ ON LAYDOWN SKID
DESIGN TEMPERATURE	-20°C/60°C

OWNER	OMS ACHIEVER INC.	HULL NO.	HXL1835001
BUILDER	QINGDAO HAXI HEAVY-DUTY MACHINERY CO. LTD	CLASS	ABS
TITLE	OMS ACHIEVER SE-350LBM(WMP350)	DETAIL DESIGN	
DESIGNED	ZLH	DWG No.	JH310-526-08
CHECKED	XE	SCALE	Z
VERIFIED	DXZ	WEIGHT	
APPROVED		PAGE	11
		DATE	

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