

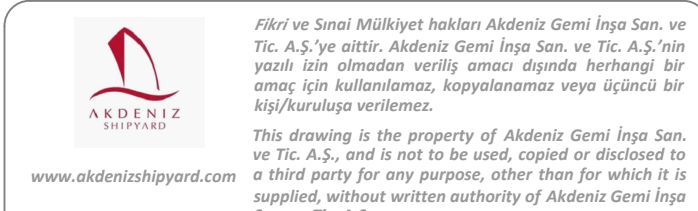
PIPE DIMENSIONS			
DN65	PIPE	76.1x7.6 mm	BLACK STEEL
DN100	PIPE	114.3x6.02 mm	

#### NOTES:

- WORKING PRESSURE IS 6 BAR
- TEST PRESSURE IS 9 BAR
- CLASS III PIPING SYSTEM **LP0225I446**
- ALL VALVES ARE TO BE MILD STEEL/PTFE, PNI6
- ALL PIPES ARE TO BE BLACK STEEL
- ALL THE BULKHEAD SLEEVES SHALL BE WATERTIGHT.
- APPROVAL REFERENCE OF CARGO PUMPS WILL BE DOCUMENTED.
- PIPE CONNECTIONS ARE TO BE FULL PENARATION BUTT WELDED TYPE.
- CARGO PUMPS ARE USED FOR STRIPPING PURPOSE AS WELL.
- CARGO PIPE SECTIONS AND THEIR ACCESSORIES ARE TO BE ELECTRICALLY BONDED TOGETHER AND TO THE SHIP'S HULL
- CARGO PUMPS ARE TO BE CAPABLE OF BEING STOPPED FROM MANIFOLD ZONE
- CARGO PUMPS ARE TO BE MONITORED AS REQUIRED IN BV RULES
- CARGO PIPES AND VALVES ARE TO BE INSTALLED INSIDE CARGO TANKS \*\*\*
- ALL VALVES ARE TO BE HYDRAULIC REMOTE CONTROL EXCEPT CS01,CS02,CS03,CS04,CS05,CS06. REMOTE CONTROL SYSTEM TO BE BV INSPECTION SYSTEM
- WHERE NECESSARY, CARGO PIPING IS TO BE FITTED WITH EXPANSION JOINTS OR BENDS. EXPANSION JOINTS ARE TO BE TYPE APPROVED BY THE SOCIETY.

SYM	POS	DESCRIPTION	SIZE	MATERIAL / SPEC.	NOTE	QTY	UNIT
①		VAPOUR LOCK CONN.(UTI&SAMPLING)					
②		LEVEL TRANSMITTER					
③		HIGH HIGH LEVEL ALLARM					
④		HIGH LEVEL ALLARM					
⑤		PRESSURE TRANSMITTER					
⑥		BLIND PLATE VALVE					
⑦		BALL VALVE					
⑧		BUTTERFLY VALVE REMOTE CONTROL					
⑨		CHECK VALVE					
P6		GEAR TYPE CARGO PUMP	60 m <sup>3</sup> /h, 6 BAR	CARGO TK 1-2-3-4 PS/STB	1 PC		
P5		GEAR TYPE CARGO PUMP	60 m <sup>3</sup> /h, 6 BAR	CARGO TK 1-2-3-4 PS/STB	1 PC		
P4		GEAR TYPE CARGO PUMP	60 m <sup>3</sup> /h, 6 BAR	CARGO TK 5 PS/STB	1 PC		
P3		GEAR TYPE CARGO PUMP	60 m <sup>3</sup> /h, 6 BAR	CARGO TK 5 PS/STB	1 PC		
P2		GEAR TYPE CARGO PUMP	60 m <sup>3</sup> /h, 6 BAR	CARGO TK 6-7-8 PS/STB	1 PC		
P1		GEAR TYPE CARGO PUMP	60 m <sup>3</sup> /h, 6 BAR	CARGO TK 6-7-8 PS/STB	1 PC		

LPO225I447  
LPO225I449



Ship Name/Gemi Adı		---	
Ship Type/Gemi Tipi	730 DWT OIL TANKER	Shipyard/Tersane	AKDENİZ SHİPPYARD
Class Society/Klas Kuruluşu	BV	Hull Nr./Ansa No	NB36

Title/Başlık		Drawn by/Çizen	
CARGO AND STRIPPING SYSTEM		AKDENİZ SHİPPYARD	
Drawing Nr./Resim No		Rev. Nr./Rev. No	
302		00	
Sheet Nr./Sayfa No		1/1	
Date/Tarih		22.07.2024	

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CARGO SYSTEM

POS	DESCRIPTION	SIZE	PN	MATERIAL/SPEC.	QTY	CERTIFICATE	LABEL
CS95	REMOTE CONTROLLED BUTTERFLY VALVE WAFER TYPE/DRY-DOUBLE ACTING	DN100	16	SEAT - PTFE, BODY STEEL & DISK - 316	1	INSPECTION	CARGO PUMP 3 DISCHARGE
CS96	REMOTE CONTROLLED BUTTERFLY VALVE WAFER TYPE/DRY-DOUBLE ACTING	DN100	16	SEAT - PTFE, BODY STEEL & DISK - 316	1	INSPECTION	CARGO PUMP 4 BY PASS
CS97	REMOTE CONTROLLED BUTTERFLY VALVE WAFER TYPE/DRY-DOUBLE ACTING	DN100	16	SEAT - PTFE, BODY STEEL & DISK - 316	1	INSPECTION	CARGO PUMP 4 INLET
CS98	REMOTE CONTROLLED BUTTERFLY VALVE WAFER TYPE/DRY-DOUBLE ACTING	DN100	16	SEAT - PTFE, BODY STEEL & DISK - 316	1	INSPECTION	CARGO PUMP 3 INLET
CS99	REMOTE CONTROLLED BUTTERFLY VALVE WAFER TYPE/DRY-DOUBLE ACTING	DN100	16	SEAT - PTFE, BODY STEEL & DISK - 316	1	INSPECTION	CARGO PUMP 3 BY PASS
CS100	CHECK VALVE/WAFER TYPE	DN150	16	SS/SS	1	MAKER	---
CS101	CHECK VALVE/WAFER TYPE	DN150	16	SS/SS	1	MAKER	---
CS102	CHECK VALVE/WAFER TYPE	DN150	16	SS/SS	1	MAKER	---
CS103	CHECK VALVE/WAFER TYPE	DN150	16	SS/SS	1	MAKER	---
CS104	CHECK VALVE/WAFER TYPE	DN150	16	SS/SS	1	MAKER	---
CS105	CHECK VALVE/WAFER TYPE	DN150	16	SS/SS	1	MAKER	---