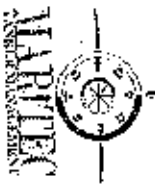


CCR 12.4 - LIST OF VESSEL'S MEASURING INSTRUMENTS

Page No : 1 of 4  
 Made by : QHSE  
 Approved by : MD  
 Rev. No : 0

Instruments	Manufacturer	Type & Model	Serial nr	Condition	Certificate issued	Certificate expiring	Date of onboard calibration / checks
<b>PORTABLE MULTIGAS MONITORS</b>							
Altair 5X	MSA	N/A	N/A	N/A	N/A	N/A	N/A
Altair 5X	MSA	N/A	N/A	N/A	N/A	N/A	N/A
Altair 5X (IR)	MSA	Altair 5X (IR)	06003378	Good	25.09.2018	24.09.2019	27.12.2018
Altair 5X (IR)	MSA	Altair 5X	06007529	Good	25.01.2018	24.01.2019	27.12.2018
<b>PERSONAL MULTIGAS MONITORS</b>							
Altair 4X	MSA	Altair 4XR	S/N 00006391	Good	30.01.2018	29.01.2019	27.12.2018
Altair 4X	MSA	Altair 4X	06012324	Good	14.02.2018	13.02.2019	27.12.2018
Altair 4X	MSA	Altair 4X	06013171	Good	20.04.2018	19.04.2019	27.12.2018
Altair 4X	MSA	Altair 4X	00160257	Good	25.09.2018	24.09.2019	27.12.2018
<b>DRAGER PUMPS</b>							
Gas detector pump	DRAGER	ACCURO	ARLB-F001	GOOD	N/A	N/A	27.12.2018
Gas detector pump	DRAGER	ACCURO	ARLF-F001	GOOD	N/A	N/A	27.12.2018
<b>PORTABLE ALCOMETER</b>							
Alcotest	SOCIAC	SC-103	57K04099	Good	21.09.2018	20.09.2019	N/A
Alcotest	N/A	N/A	N/A	N/A	N/A	N/A	N/A

To be completed on a monthly basis and forwarded by Email & to be filed on board in CCR 12.4 folder



CCR 12.4 - LIST OF VESSEL'S MEASURING INSTRUMENTS

Page No : 2 of 4  
 Made by : QHSE  
 Approved by : MD  
 Rev. No : 0

HERMETIC UTI / MMC									
UTI-GT	MMC ASIA	D-2401-2	3897	Good	21.09.2018	20.09.2019	27.12.2018		
UTI-GT	MARINE MOISTURE CONTROL INC	D-2401-2-UT10-88 DEGREE C	2535, 3665J, 3697J	Good	24.05.17, 06.11.17, 03.08.17	23.05.18, 05.11.18, 02.08.18	N/A		
UTI-GT	MMC ASIA LTD, ENRAF TANKSYSTEM	D-2401-2, Gtex	3828J, G20284	Good, Tape is damaged at stage of 28 cm.	14.03.17, 25.05.2018	13.03.18, 24.05.2019	N/A		
HERMETIC SAMPLER	MMC ASIA LTD	GSASSR -F	0104	Good	16.03.16	15.03.17	N/A		
<b>MANOMETER/MOM.</b>									
Multipurpose Calibrator	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Handheld Dry-Well Calibrator	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
Digital Pressure Indicator	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
<b>DRAGER TUBES</b>									
Hydrogen Sulphide	N/A	1 - 20 ppm	N/A	N/A	N/A	N/A	N/A		
	DRAGER		LB 2371	GOOD		AUG 2019		RECEIVED 01 - 200 PPM	
Hydrogen Sulphide	ROHRCHEN	10-200 ppm							
	DRAGER	0.5 - 10 ppm	LC -2361	GOOD		SEP 2019		RECEIVED 0.25 - 10 PPM	
Benzene	ROHRCHEN					JAN 2021			
	DRAGER	1 - 20 %	CH 25101	GOOD					
Carbon dioxide	ROHRCHEN								
	DRAGER	20 - 100 ppm	LB - 0641	GOOD		AUG 2019			
Mercapton	ROHRCHEN								
	DRAGER	1 - 25 ppm	LA - 1331	GOOD		JULY 2019			
Sulphur dioxide	ROHRCHEN								
	DRAGER	0 - 50 ppm	KM -0321	GOOD		NOV 2018			
Nitrogen dioxide	ROHRCHEN								

To be completed on a monthly basis and forwarded by Email & to be filed on board in CCR 12.4 folder



CCR. 12.4 - LIST OF VESSEL'S MEASURING INSTRUMENTS

Page No : 3 of 4  
 Made by : CHSE  
 Approved by : MD  
 Rev. No : 10

SPAN GASES									
GAS SPECIFICATION	Company	Serial nr	Quantity	Bottles	Total	Expiry Date			
Isobutane 50% lcl , balance air	MARTEK, FAST CAL GAZ	FCG 23000	N/A	3	N/A	01/10/2021	N/A		
Isobutane 50% lcl , balance air	GASCO	17L-18A-0.9	N/A	3	N/A	01/04/2020	N/A		
Isobutane 50% lcl , balance air	GASCO	34LS-18A-0.9	N/A	3	N/A	01/05/2020	N/A		
Isobutane 50% lcl , balance air	GASCO	103L-18A-0.9	N/A	5	N/A	01/05/2020	N/A		
Isobutane 50% lcl , balance air	GASCO	103L-18A-0.9	N/A	1	N/A	01/08/2019	N/A		
Isobutylene 10 ppm balance air	MARTEK, FAST CALGAZ	FCG 34002	N/A	2	N/A	01/08/2022	N/A		
Isobutylene 10 ppm balance air	MARTEK, FAST CALGAZ	FCG 34002	N/A	2	N/A	01/10/2021	N/A		
Na 99.99% Vol	MARTEK, EAST CAL GAS	FCG 28010	N/A	2	N/A	01/08/2022	N/A		
Multigas ( oo 500 ppm, h2s 50 ppm, ch4 2.2% vol, o2 18%) nitrogen balance	MARTEK, FAST CAL GAZ	FCG 21222	N/A	2	N/A	01/08/2019	N/A		
Isobutane 10% vol , balance n2	GASCO	17L-17N-8	N/A	1	N/A	01/05/2020	N/A		
Isobutane 10% vol , balance n2	GASCO	17L-17N-8	N/A	2	N/A	01/04/2020	N/A		
Isobutane 10% vol , balance n2	GASCO	81-0019PK-RKS	N/A	2	N/A	01/03/2020	N/A		

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CCR 12.4 -- LIST OF VESSEL'S MEASURING INSTRUMENTS

Page No : 4 of 4  
Made by : QHSE  
Approved by : MD  
Rev. No : 0

02 10% vol balance n2	CALGAZ	81-0075RK-01RKS	N/A	2	N/A	01/02/2020	N/A
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