

# PHOTO REPORT

MP-OPN-06, Rev No:A

Job No. : 2935

Date : 22/6/2017

Location : Singapore

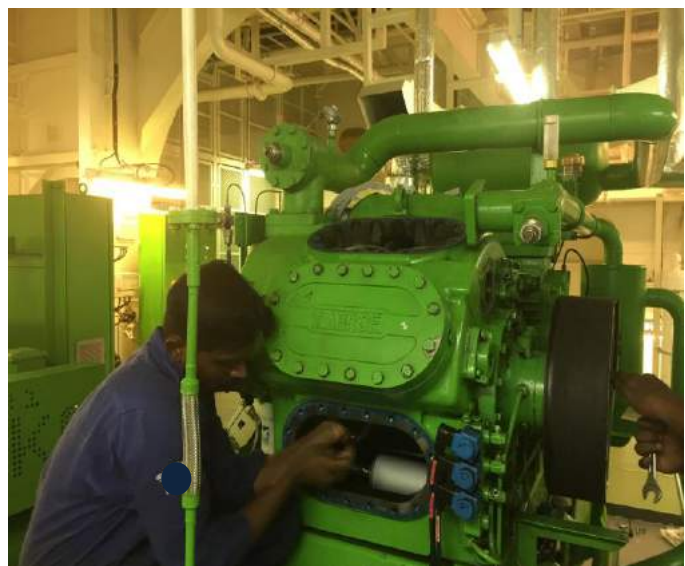
No.	Description	Pg1
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**Subject : AC Compressor No.2 (Type: SMC108S) Loading Frame and Service Works**



Damaged condition of existing compressor loading frame

← ↓ Removal of crankcase door and head cover



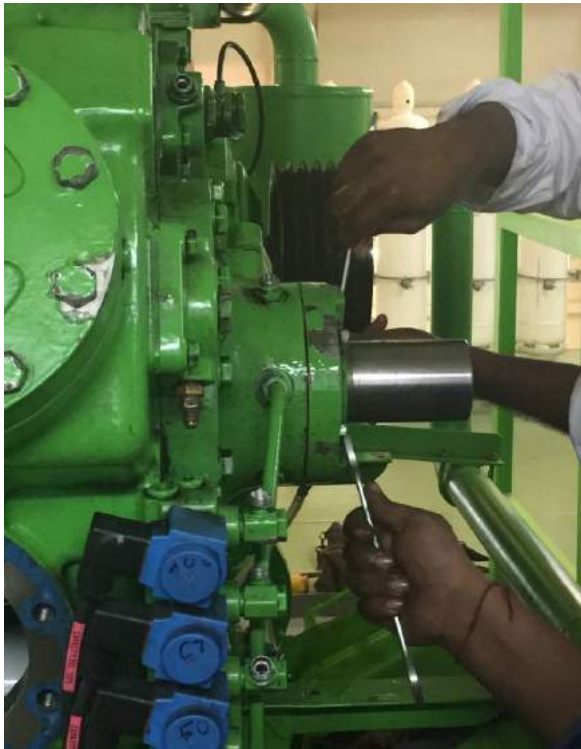
No.	Description	Pg2
		
	<p style="text-align: center;">↑</p> <p style="text-align: center;">Disconnected and removed the parts of V-belt and pulley</p> <p style="text-align: center;">↓</p> <p>To loosen and adjust the belt, at the same time, disconnect the piston connecting rod in crankcase. To remove piston and liner from position</p>	
		



No.	Description	Pg3
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To remove the pulley, sleeve and seal for overhaul works



After fitting inspection, winch support fully welded

No.	Description	Pg4
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↖ ↗ Existing loading frame removed

↙ ↘ Overhauling of piston and linear units





No.	Description	Pg5
		
<p>↑ Supply of new loading frame onboard vessel, And executed unit exchange operation</p>	<p>↑ Fitting of crankcase connecting rod to position</p>	
		
<p>↖ ↗ Proceeded to change loading frame on both units ↙ ↘</p>		
		

No.	Description	Pg6
		
	<p style="text-align: center;">↖ ↗ Pulley and V-belt fit into position</p> <p style="text-align: left;">↙ ↘</p>	
		
	<p style="text-align: center;">↑ Conducted nitrogen gas pressure tested and found no leakage</p>	



No.	Description	Pg7
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- Chief Engineer inspected and ran test on compressor
- Compressor ran successfully on discharge pressure of 20.1 bar

