

Activity Committee Meeting on "Rotary Equipment: Maintenance & Reliability Improvement"

Date: 17 th December 2021

Sl.No	From	To	Activity	Time in minutes	
	10:00	10:40	Inauguration	00:40	
	10:00	10:05	Shri Libu Verghese Mathew, CGM (Maint.) HPCL, MR	00:05	
	10:05	10:10	Shri Alok Sharma, ED-CHT	00:05	
	10:10	10:15	Shri V.K Raizada, ED(M&I), RHQ , IOCL	00:05	
	10:15	10:20	Shri A.B. Chattopadhyay, CGM(T) - ED(I/C), HPCL, MR	00:05	
	10:20	10:40	Tea Break	00:20	
Technical Sessions					
	From	To	Presentation By	Organization	Time in minutes
	10:40	10:45	Program Briefing by Convenor Shri Arijit Sanyal, Chief Manager, Rotary, Maintenance department	HPCL-MR	00:05
1	10:45	11:00	Innovative Techniques & Best Practices adopted for Improved Performance; Digitization in Field of Condition Monitoring of Equipment - Nirmal Kumar, Chief Manager (M&I)	IOCL-RHQ	00:15
	11:00	11:05	Q&A		00:05
2	11:05	11:20	Case Study – DHT RGC Motor Bearing Failure; FCC WGC High Vibration Issue - Mr. Naveen Kumar & Mr. Akash Raj, HPCL VR ; Case Study Frame 5 machine Load Gear Box Bull Gear Failure - Mr. Ravi Tandel, Assistant Manager (Maintenance), HPCL-MR	HPCL-MR/VR	00:15
	11:20	11:25	Q&A		00:05
3	11:25	11:40	Case Studies on Major Interruption Failure & RCA - CCR Refrigeration Compressor Drive Motor; ISOM Recycle gas compressor DGS issues - Mr. Prasad S, Senior Manager, Mr. Vijay Deep Tiwari, Manager, BPCL-MR ; Leveraging GE APM to improve Reliability of Rotating Equipment - Mr. K. Pradeep, Sr. Manager (CMRO-Rotary Reliability), BPCL-MR ; Condition Monitoring Facility overview and Gas Turbines Reliability Improvement - Mr. Shiek Shahed, Manager (Maintenance), BPCL-KR	BPCL-MR/KR	00:15
	11:40	11:45	Q&A		00:05
4	11:45	12:00	Guest Speaker : Shri S.L. Maurya, Consultant Petchem Commissioning & Maintenance	HMEL	00:15
	12:00	12:05	Q&A		00:05
5	12:05	12:20	Rotary Equipment- Maintenance & Reliability Improvement : Mr.Dinesh Jain, DGM	IOCL-PDR	00:15
	12:20	12:25	Q&A		00:05
6	12:25	12:40	Case study on major interruption / failure & its RCA; Reliability improvement initiatives in reciprocating compressors - Mr. Nalin Kumar, CGM & HOD RED	EIL	00:15
	12:40	12:45	Q&A		00:05
	12:45	13:30	Lunch		00:45
7	13:30	13:45	Root Cause Analysis of repetitive seal failure of DHD main feed Pump-21-PA-101 A - Mr. Suman Sarmah, Officer, Mechanical Maintenance	NRL	00:15
	13:45	13:50	Q&A		00:05
8	13:50	14:05	Reliability Centered Maintenance (RCM) Implementation at Nayara Energy Limited - Mr. Jayanti Vagdoda – Vice President – Mechanical ; Case Study - Rotary Equipment Troubleshooting - Mr. Jigar Parikh – DGM – Mechanical-Rotary ; Digitization in Condition Monitoring of Equipment - Mr. Prashantkumar Chauhan – DGM – Mechanical –Reliability	Nayara Energy Ltd	00:15
	14:05	14:10	Q&A		00:05

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9	14:10	14:25	PCT cooling tower pumps online isolation job by single stopple. (Presenter: Mr. PPS Topsy, Maint. Manager); In-house De-staging of MP BFW Pumps (Presenter: Mr. Shashi Kumar, Maint. Manager); Case study on major interruption/failure and its RCA (Presenter: Mr. Rajvinder Singh, Chief Maint. Manager); Maintenance cost saving initiatives (Presenter: Mr. Srinibas Panda, Sr. Maint. Manager)	IOCL-PR / PNC	00:15
	14:25	14:30	Q&A		00:05
10	14:30	14:45	Case Study on Major Interruptions/ failures and its RCA - Shatish Kumar, Joint Director & Shivendra Singh, Joint Director	OIDSD	00:15
	14:45	14:50	Q&A		00:05
11	14:50	15:05	Implementation of Remote Diagnostic System (RDS) for Gas Turbine Compressors in GAIL - Mr. D. Sengupta, GM (CIMG); Mr. Pankaj Gupta, DGM (CIMG)	GAIL	00:15
	15:05	15:10	Q&A		00:05
12	15:10	15:25	Case Study on Reliability of Gear Coupling - Mr. Ayon Roy, COM, HMRBPL	IOCL-PL	00:15
	15:25	15:30	Q&A		00:05
	15:30	15:45	Tea Break		00:15
13	15:45	16:00	Reliability improvement of Rotary equipments by RCFA - Mr.Manjunatha Prabhu K., Manager (Mechanical)	MRPL	00:15
	16:00	16:05	Q&A		00:05
14	16:05	16:20	Best machine lubrication practices to minimize oil wastage and improve reliability at BORL - Mr. Manoj Gupta, Deputy Manager	BORL	00:15
	16:20	16:25	Q&A		00:05
15	16:25	16:40	Resolving repetitive failures of Auxiliary Steam turbine bearings by replacing oil labyrinth seal with Magnetic Isolators - Mr. Bharat Bhushan, Manager-Maintenance Mechanical	HMEL	00:15
	16:40	16:45	Q&A		00:05
16	16:45	16:55	M/s Sulzer Pumps - Mr. Bartu Avci, Digital Solution Specialist	Vendor	00:10
	16:55	17:00	Q&A		00:05
17	17:00	17:10	M/s Hoerbiger India Private Limited - Mr. N. Sudharkar, Head Sales - Central & South Zone; Mr. Bhushan Deshmukh, Product Manager	Vendor	00:10
	17:10	17:15	Q&A		00:05
18	17:15	17:25	M/s Triveni Engineering India Ltd. - Mr. Deepak P. Gadiyar, AGM (Services); Mr. Avinash M., Senior Manager	Vendor	00:10
	17:25	17:30	Q&A		00:05
	17:30	17:45	Key Takeaways and Closing remarks by Convenor		00:15
	17:45	18:05	Concluding Session - Concluding remarks by Shri V.S. Shenoy, Director (Refineries), HPCL; Shri P. Raman, Director, CHT; Shri A.B. Chattopadhyay, CGM(T) - ED(I/C), HPCL, MR ; Shri Libu V. Mathew; CGM (Maint.), HPCL, MR		00:20
	18:05	18:10	Vote of Thanks by CHT		00:05