

DEENDAYAL PORT AUTHORITY

ATR OF MINUTES OF DOCK SAFETY COMMITTEE MEETING HELD ON 11/07/2023 AT 15.30 HOURS IN THE BOARD ROOM, A.O. BUILDING, GANDHIDHAM.

The discussions were held on the following issues:

Sr. No.	Issues raised	Action	Action By
01	Illumination Level	<p>14 berth high mast towers The main work is almost completed and all the sixteen High Mast Towers are commissioned by M/s. Vishal Electricals, Ghazidabad. However, the minor works like fabrication of protection guard is yet to be completed. The work was completed and the lighting at 14 berth satisfactory.</p> <p>16th berth high mast towers: The work order issued on 14/11/2022 and the work is in progress by M/s. N.K. Industrial Services, Gandhidham with completion period of 10 months. The work order issued on 14/11/2022 with completion period of 10 months. The same was completed by 13/9/23. The firm M/s. N.K. Industrial Services, Gandhidham has asked extension of time up to 30/11/23 to complete work in all aspects.</p> <p>34 hector high mast towers: The work order issued on 04/04/2023 and the work is in progress by M/s. N.K. Industrial Services, Gandhidham with completion period of 10 months. The work is likely to be completed in the month of February 2024. The work order issued on 04/04/2023 and the work is in progress by M/s. N.K. Industrial Services, Gandhidham with completion period of 10 months. The work is likely to be completed in the month of February 2024.</p> <p>The Asst. Commandant CISF informed that Warehouse No. 25 and 66-hectare plot area luminaries are not working adequately. The lighting at 66-hectare plot is working satisfactorily and temporarily some lighting fittings were provided at ware house No.25.</p> <p>Dy. Chairman instructed to XEN (E) for necessary action.</p>	Electrical
02	Roads, drainages and other welfare facilities	<p>40-hectare Road: 40 hectares' road works completed & now plot work & SWD is in progress.</p> <p>Drainage: XEN(H) informed that estimate for development of new cable trenches has been returned with queries by finance department. He also informed that there was significant delay in submission of drawing of electrical cable trench from electrical division. Hence matter got delayed. Dy. Chairman expressed his displeasure on progress work of cable trenches. Further he instructed to XEN (E) that the matter of development of new cable trenches is long pending issue and shall be resolved on top priority. Providing RCC Cable Trench for Electric Cables inside Cargo Jetty Area.</p>	Civil Civil & Electrical

Sr. No.	Issues raised	Action	Action By
		<p>Warehouses & Plots: Traffic department has kept Godown no. 12 for seized cargo Further as it was also planned To keep godown no. 17 for central store But due to cyclone all godowns Are damaged which are under Repair, further tender for mobile Harbour crane is under approval. There is provision of central store in that bldg. Work Under Progress for development of plots and warehouse.</p> <p>Other Civil Work: Dy. Chairman instructed to SE(PL) to expedite the matter of upgradation entire outside area of oil jetty on priority.</p> <p>Safety officer informed that there is no 2nd entry/exit gate at oil jetty area. This issue is long pending and may create hurdles for mitigating any emergency arises at oil jetty or outside. The identification of emergency gate has already been finalized along with SDO (OJ) long back.</p> <p>Dy. Chairman instructed to SE(PL) to create emergency entry/exit gate at oil jetty area on priority. For extra gate N.O.C. from M/s Kesar Terminal is to be obtained. For which site is shown to FCSO and a joint inspection is pending with M/s Kesar Terminal team. On 07/11/2023 the visit of the site with M/s Kesar Terminal team will be conducted and then we will conclude the provision of 2nd gate.</p> <p>Welfare facilities: Dy. Chairman instructed to XEN(H) for completion of rest shelter work at berth No. 13 to 16 before 31/07/2023.</p> <p>Personnel officer informed that the quality of drinking water and storage tank is very pathetic at various locations inside the port. Frequently the inspection reports are shared with concerned departments but issues are not resolved yet. In this regards it is suggested that new storage tanks need to be developed along with adequate approach.</p> <p>Dy. Chairman instructed to SE(PL) for complying the issues addressed in the inspection reports of the labour welfare section on top most priority.</p> <ul style="list-style-type: none"> • Everyday chlorination doses have been added in every tower before port supply. • 3.00 Nos. of Steel 5 KL water tank have been provided at 13th to 16th berth. • Cleaning of surrounding water tank being carried periodically. 	<p>Civil & Traffic</p> <p>Civil</p> <p>Civil</p>
03	Coal Dust Control	<p>Following effective measures have been taken up by Civil. Engg. Deptt. are as follow: The dust protection screen has fallen at many locations inside the port. The repairing work of dust protection screen is under progress.</p>	<p>Civil</p>

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		<p>Following effective measures have been taken up by Mech. Engg. Deptt. are asfollow:</p> <ol style="list-style-type: none"> 1) 2 nos. of Truck mounted Mist Cannon procured and taken in operation. 2) 2 nos. of Truck mounted road sweepers procured and taken in peration. <p>The study for monitoring SPM level has been conducted and presentation submitted.</p> <p>The study report for monitoring SPM level discussed during the meeting with detailed presentation. The reports reveals that the mist canon machine is not effective for suppressing the finer dust particles of PM2.5.</p> <p>Dy. Chairman instructed to SE(Mechanical) for reviewing the scope of work and submit further action plan for effective utilization of mist canon machine for minimizing the coal dust.</p> <p>It was informed by SE(M)that as per the tender" The Truck-mounted Mist Cannon Machine should be capable of suppressing airborne dust, generated from different types of coal & other materials, including fine and micro fine dust, in open areas / Yards / Railway Sidings / Berths / Sheds, etc.</p> <p>It should be capable of suppressing air-borne dust without the use of any surfactants or chemicals."</p> <p>Some of the committee members informed that in other ports fixed type water spray system is provided at road sides to minimize the coal dust. Safety officer informed that the revamping work of firefighting system at dry cargo jetty is at design stage and it can be incorporated at this stage easily.</p> <p>Dy. Chairman instructed to SE(Pipeline) for incorporating the suggestion given by committee members in the upcoming revamp of firefighting system at dry cargo jetty area.</p> <ol style="list-style-type: none"> 3) Dust suppression sprinkling system at 34-Hactare area. Work for Dust suppression sprinkler is completed. <p>As per the XEN(H), the relocation of the above structure is not cost effective. As directed by Dy. Chairman above points shall be dropped at this stage. Completed</p>	<p>Mechanical</p> <p>Civil</p> <p>CME</p> <p>Civil</p>
04	Structure Stability Test	<p>P&C Building is vacated by traffic department and Mechanical Division. Due to non-availability of sufficient/suitable rooms, Electrical division is yet to be shifted.</p> <p>Sr. D.T.M informed that the traffic department has already shifted from P&C building to Shramdeep Bhavan but the condition of Shramdeep Bhavan structure needs to be assessed.</p> <p>Construction of new office building near custom house is proposed. The same will be executed at the earliest.</p> <p>Dy. Chairman instructed to XEN(H) to review the structure stability of all buildings and further action for strengthening the buildings. He also instructed for the provision of adequate seating arrangement for remaining electrical division team on priority so that P&C building can be vacated at earliest.</p>	Civil

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		<p>Dy. Chairman instructed to XEN(H) for taking necessary action on priority.</p> <p>The structural stability test of all the non-residential buildings outside port area has been carried out last year. Unsafe building i.e. P&C building, Seva sadan 1 & 2, time office, work shop etc., are proposed for demolition. Further Joint inspection by CE & CME was carried at Nirman Building for seating arrangement of CME staff, team of CME (circle) and mechanical Division has been shifted to Nirman Bhavan and only staff of electrical division is seating in P&C building. Major repairing / renovation at Nirman Building is almost completed and balance work will be completed in due course of time for accommodation of remaining electrical department staff.</p>	
05	Safety Training	<p>1) Training Center for safety and productivity re-engineering has been started from 24/11/2021 and till date 5860 personnel covered in training program.</p> <p>2) 1,03,504 drivers & cleaners have been sensitized so far in the container based training centre at west gate-1.</p> <p>The post training questions are asked to truck drivers for ensuring effectiveness of training.</p> <p>Safety Officer & Add. Asst. Director Dock Safety informed that all shall ensure that staff/workers working under all department and port users undergo for safety training compulsorily. These shall include truck drivers and casual labours also.</p> <p>Sr. D.T.M informed that the requirement will be incorporated in the upcoming RFID implementation at north gate. Further he also told that monthly report of personnel who have undergone for safety training shall be prepared and published among all.</p> <p><i>RFID Status:</i></p> <p>a) North Gate Pedestrian & 2-wheeler Lane IN/OUT are ready to operation.</p> <p>b) North Gate In car lane, civil & hardware infra installation are completed, and need to send circular to all DPA stockholder.</p> <p>c) For North Gate Operationalization the user registration is going on.</p> <p>Safety officer informed that manpower (traffic warden and safety supervisor) tender for safety management cell is already completed in February 2023. Further new requirement of manpower with restructuring old proposal is under progress.</p> <p>Dy. Chairman instructed to traffic manager for expedite the matter on priority. Revised proposal for the engagement of contractual staff for safety management cell is prepared and submitted for approval. Further the approval of competent authority has been taken for conducting walk-in-interview for engagement of Safety Trainer on contract basis.</p>	Traffic
06	Medical Examination of workers	<p>Medical examination centre started at DPA Kandla Hospital and more than 3848 personnel medically examined since Nov 2021.</p> <p>Dhanvantari arogya Rath: Medical: 3629 OPD & LAB Test:445 (Since August 2020)</p>	Traffic & Medical

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		<p>Special medical examination campaigns conducted for truck drivers along with Dhanvantari Arogya Rath Team.</p> <p>Completed</p>	
07	<p>Life Saving equipment & pipelines serving water to fire hydrants</p>	<p>Oil Jetty Fire Fighting System: Task-1: Supply, installation, testing and commissioning of water pump set/water pumping system including AMC for a period of 5 years thereof at oil jetty area of DPA. Manufacturing of Pumps at manufacturing site is completed. Inspection visit has been carried out for verification pump components and identification of documents on dated 06.07.2023. Contactor has submitted final inspection/performance test by 4th week of July 2023 Work in Progress. Manufacturing of Pumps at manufacturing site is completed. Inspection of the performance test of Pumps were carried out at OEMs site on date 29.07.2023. Accordingly, the Pumps along with the accessories has been dispatched from Manufacturing site (OEM).</p> <p>Task-2: Supply, installation, testing and commissioning of firefighting system and associated facilities along with pipelines, civil structural, instrumentation, electrical and allied works including AMC for the period of 5 years thereof at oil jetty area, DPA. Civil works Pilling design submitted by contractor. Foundation work of tower monitor and pedestal has been started at site. Water curtains at OJ-1 will be provided along with work of firefighting revamping project and will be completed by Dec 2023. Civil works (Pilling work for centralized pump room work) is under progress. Tower monitor structure fabrication work under progress. Out of 17 nos. of piling, 12 nos. pile work have been completed. Dy. Chairman informed that the matter is reviewed separately at higher level.</p> <p>Dry Cargo Jetty Fire Fighting System: Design of firefighting system already completed and remaining work to be carry out by CME department because the asset of firefighting system of pipeline division has been transferred to CME department as directed by competent authority.</p>	<p>Mechanical</p> <p>Mechanical</p> <p>Civil</p>
08	<p>Accidents</p>	<p>The incident reporting and investigation formats are already prepared and implemented. The preparation of google form is under progress for online reporting of any hazards inside port. Matrix for disciplinary action in case of any incident is prepared and under review. Safety Officer informed that the incident reporting and investigation formats have already been implemented, however, the matrix for disciplinary action is under review. Sr.D.T.M informed that it has been observed that some of the incidents are not reported within the stipulated time frame by other departments and port users.</p>	<p>Traffic</p>

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		<p>The same was agreed by inspectorate of dock safety and safety officer both. Further it is also observed that unauthorized photography/videography is carried out by personnel which have serious security threat for entire port.</p> <p>Safety Officer informed that the circular for hazard identification and incident reporting is already issued and same will amended and recirculated again among all.</p> <p>Dy. Chairman instructed to all departments for strict compliance of timely reporting of all type of incidents to concerned authorities. Further he also directed to all departments for taking strict action as per kandla port conduct regulation for unauthorized photography/Videography if observed.</p> <p>The instruction has been conveyed to all HODs through minutes of DSC meeting.</p>	All Departments
09	Sign Boards for Visual Awareness	<p>Speed Breakers is provided on the broad roads to restrict the speed of vehicles. Also RCC barriers are provided.</p> <p>Dy. Chairman informed that speed breakers are not visible particularly in dark hours. Reflectors needs to be provided on road at speed breakers as well as on road markings.</p> <p>XEN(H) agreed for the necessary compliance.</p> <p>Reflectors and road markings has been provided on road and at speed breakers in the newly constructed road between godown no 32, 33, 29, 31, 28, etc. But same is not visible due to coal dust & fertilizer spilled on the road, also kerb reflectors are provided on the edges of road.</p> <p>Modification of circle will be done as per the requirements of Safety officer & TrafficDepartment.</p> <p>Dy. Chairman advised to carry out road safety survey through external consultant for enhancing the road safety.</p> <p>The matter for road safety survey/study has been discussed with few consultants who are providing service of survey/study. The Institute of Road Traffic Education, Delhi has replied for the survey after December 2023 due to their busy schedule. Hence the survey/study of the road safety/traffic safety has been planned to conduct in January 2023 during Road Safety Week Observance. Meanwhile if other consultant will be identified than study will be planned at early as possible.</p>	Civil Traffic

Other Points discussed during meeting:

Sr. No.	Issues raised	Action	Action By
1	Restriction of 2 Wheelers & 3 Wheelers inside Port	<p>Buses for internal transportation:</p> <p>The process for engagement of e-buses is being carried out by the CME dept. In principal approval is obtained and further preparation for proposal is under progress.</p> <p>The deliberate discussion was carried out on the provision of e-buses for internal transportation of personnel inside port from berth No.1 to 16.</p>	GAD & CME

		<p>Dy. Chairman instructed to personnel officer that in the view of long term plan of the operation of berth NO.13 to 16 in PPP mode, the requirement of the buses to be re-assessed for berth No. 1 to 10 only. Accordingly, the provision of the e-buses shall be implemented.</p> <p>The re-survey conducted for the assessment of revised route of buses for internal transportation at dry cargo jetty area berth No. to 1 to 10 and associated facilities. Due to addition of the 34 hectare and 25-hectare area, the revised proposal will be prepared for provision of additional buses for internal transportation and accordingly will be included in the upcoming tender renewal process of existing buses. The buses will be provided for trial run of 6 months + 3 months of extension period for further finalization. The charges for the bus passes may be decided in comparison of the charges to be collected for the RFID of two wheelers.</p>	
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Status Report of Safety Performance Template issued by MoPSW :

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01	Report of Safety Performance issued by MoPSW	<p>Electrical Safety Audit - (Once in two years)</p> <p>The proposal with detailed compliance against each observation was submitted and the same has been returned with some remarks, which are under compliance and on 10/7/2023 the file will be resubmitted.</p> <p>Dy. Chairman instructed to XEN(H) for confirming the compliance of the electrical safety audit through external consultant.</p> <p>The pending points for the electrical safety audit have been complied which covers provision of adequate earthing, rubber mats, fire extinguishers & fire sand buckets and Nomination of Electrical Safety Officer etc.</p>	Electrical

Review of External Safety Audit recommendations:

Sr. No.	Issues raised	Action	Action By
01	External Safety Audit	<p>Work Order issued for augmentation of liquid cargo handling capacity by revamping of existing pipeline network at oil jetty area and work is under progress.</p> <p>Executing the revamping work along with continuous cargo handling process in oil jetty area is very critical. Necessary safety measures shall be taken by pipeline division (Civil Department) for executing entire project safely.</p> <p>52% work for pipeline revamping is completed.</p> <p>Dy. Chairman informed that the matter is reviewed separately at higher level.</p>	Civil

Other points Discussed:

Sr. No.	Issues raised	Action	Action By
01	Ladders at oiljetty	Work completed.	Civil
02	Restriction of Mobile phones at Oil jetty	<p>Safety officer informed that Circular for restriction of mobile phone at oil jetty is issued by Dy. Conservator.</p> <p>Completed.</p>	All HODs/AllPort Users

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03	Fire Fighting system of Port Hospital, Gopalpuri	Work Completed.	Marine
04	Issues raised by KLTTA	<p>I. Oil jetty area drainage system needs to be improved. Tender for providing asphalt and RCC road inside and outside oil jetty area: Price bid opened and under scrutiny stage. The drainage work inside oil jetty area is almost completed through providing asphalt and RCC road inside and outside oil jetty area.</p> <p>II. Road condition needs to be improved outside oil jetty. Tender for providing asphalt and RCC road inside and outside oil jetty area: Price bid opened and under scrutiny stage. Outside road has been prepared by providing paver block and also surrounding has been covered by paver block.</p> <p>III. Illumination needs to be improved at Oil jetty area, specifically at DTC corner luminaries to be reviewed.</p> <p>IV. Drinking water and rest shelter facility at OJ needs to be reviewed and developed. Drinking water bottles supplied at all oil jetties regularly. There are 2 rest shelter at Y junction. Due to more demand of drinking water at Oil Jetty, XEN(Pipeline) was instructed to increase supply of number of drinking water bottles instead of existing 02 bottles. Drinking water bottles of 20 ltrs. Is being provided at each oil jetty as well as daily water being supplied through pipeline at each oil jetty. Further supply of bottles will be increased from 2 nos. to 4 nos.</p> <p>V. Safety shower not working at OJ 3. Tender for AMC at oil jetty area is under scrutiny stage. The tender process will be completed by 30/1/2023 and work will be completed accordingly. The work of AMC is awarded. Work of safety shower in all oil jetties have been shown to contractor and within two days all safety showers will be in order.</p>	<p>Civil</p> <p>Civil</p> <p>Electrical</p> <p>Civil</p> <p>Civil</p>
05	OISD Safety Audit Report Compliance	<p>Dy. Chairman instructed to all concern for providing action taken report on OISD Safety audit on priority.</p> <p>Reply from all departments is awaited. The separate presentation need to be conducted after Diwali for review of OISD and NSC safety audit reports.</p>	All department and Liquid Terminals
06	CCTV status and progress	<p>Chief Manager IT shall provide the report on CCTV status.</p> <p>CCTV Status:</p> <p>a) Total installed camera = 472</p> <p>b) Network Connectivity at CCC = 347</p>	Finance

Sr. No.	Issues raised	Action	Action By
		<p><i>c) Present live (Avg. Quantity) = 328</i> <i>d) Non-operational camera = work progress</i></p>	
07	RFID Northgate	<p>Dy. Chairman directed Secretary to prepare RFID card format for employees of DPA. The format of RFID card has already been finalized and submitted to EDP for further course of action of printing the same.</p>	GAD
08	Safety Performance report for Stevedoring license	<p>Dy. Chairman instructed to Sr. DTM for taking necessary action for the same. Total 25 nos. of stevedoring license have been forwarded to IDS, kandla for renewal. The remaining will be forwarded once all required documents submitted by stevedores.</p>	Traffic
09	Restriction of Cattles at all gate	<p>Dy. Chairman instructed to XEN(H) for installation of cattle's restriction barriers at all gates. He also instructed to Asst. Commandant-CISF for restricting the entry of cattle as far as possible inside port. Cattle's restriction barrier is provided at north gate and cleaning of the same is being carried out regularly. Further, cattle barriers's will be provided at all other gates at the earliest.</p>	Civil & CISF
