

**REVIEW OF THE ACCOUNTS AND AUDIT REPORT****FOR THE YEAR 2022-23 OF DEENDAYAL PORT AUTHORITY****Overview****1. Operational Performance Traffic (including cargo equipment utilisation)**

The year 2022-23 recorded a increase of 8.23% in traffic. The Port has handled 137.6 million tonnes of cargo during 2022-23 as against 127.10 million tonnes in 2021-22. The traffic at Kandla and Vadinar is tabulated below:

**(In Million tonnes)**

Particulars	Actual 2022-23	Actual 2021-22
Import at Kandla	41.78	34.83
Export at Kandla	24.73	20.90
<b>Total at Kandla</b>	<b>66.51</b>	<b>55.73</b>
Import at Vadinar	44.92	42.16
Export at Vadinar	9.95	11.28
<b>Total at Vadinar</b>	<b>54.87</b>	<b>53.44</b>
Import at BOT	9.05	9.31
Export at BOT	7.11	7.00
<b>Total at BOT</b>	<b>16.16</b>	<b>16.31</b>
Transshipment	0.02	1.62
<b>Grand Total</b>	<b>137.56</b>	<b>127.10</b>

The details of availability and utilisation of equipment are furnished as under: -

**1. AVAILABILITY OF EQUIPMENTS:**

Sr. No	Name of Equipment	Actual 2022-23		Actual 2021-22	
		Availability	Utilisation	Availability	Utilisation
1	Wharf Cranes	99.15%	49.45%	97.08%	21.80%
2	Mobile Harbour Cranes	71.65%	45.82%	72.07%	36.12%
3	Forklift Truck	---	---	---	---
4	Steel Floating Dry Dock	100.00%	91.60%	100.00%	93.83%
5	Tug	100%	20.45%	85.60%	12.71%
6	Launches	82.88%	14.47%	76.36%	11.32%

**2. Financial Position:-**

The following table indicates the financial position of the Port Trust.

**(Rs. in crores)**

<b>A.</b>	<b>LIABILITIES</b>	<b>2022-23</b>	<b>2021-22</b>
a)	Capital Reserve	3852.34	3292.67
b)	Revenue Reserve	3864.89	3334.82
d)	Capital debt	0.00	0.00
	Secured loan fund against FDR	0.00	0.00
e)	Current Liability & Provisions	5257.86	4013.39
	<b>Total Liability</b>	<b>12975.09</b>	<b>10640.88</b>
<b>B.</b>	<b>ASSETS</b>		
a)	Fixed asset less depreciation	2418.37	2285.99
b)	Capital work in progress	1107.27	745.98
c)	Investment	906.45	2399.31
d)	Current asset	8459.41	5121.27
	<b>Total Asset</b>	<b>12891.50</b>	<b>10552.56</b>
<b>C.</b>	<b>Working capital</b>	<b>3201.55</b>	<b>1107.89</b>
<b>D.</b>	<b>Capital employed</b>	<b>5619.92</b>	<b>3393.88</b>
<b>E.</b>	<b>Net Worth</b>	<b>7717.23</b>	<b>6627.49</b>
<b>F.</b>	<b>ROR on Capital employed</b>	<b>25.45%</b>	<b>16.28%</b>
<b>G.</b>	<b>Operating ratio</b>	<b>36.34%</b>	<b>41.39%</b>

**3. Capital Expenditure :-**

The capital expenditure incurred is shown below: -

(Rs. in crores)

<b>S. No.</b>	<b>Particulars</b>	<b>Actual 2022-23</b>	<b>Actual 2021-22</b>
1	Construction / Strengthening of Berths	171.03	161.52
2	Procurement of Craft / Equipment	0.00	0.00
3	Rail & Road connectivity	129.32	147.47
4	Green Energy Project	0.00	0.00
5	Smart Industrial Port City	6.62	7.19
6	RO RO /Ro Pax Projects	40.16	67.83
7	Sagarmala schemes	34.97	0.00
8	Other works including Above Rs. 5 crores	265.18	137.89
9	Other works including Upto Rs. 5 crores	23.71	37.51
	<b>Total</b>	<b>670.99</b>	<b>559.41</b>

The total capital expenditure has been funded out of internal resources of the Port.

**4. Plan Works**

The expenditure incurred on major schemes during 2022-23 is given as under: -

<b>S. No.</b>	<b>Particulars</b>	<b>Amount inCrore</b>
1	Construction of 8th Oil jetty	50.89
2	Augmentation of liquid Cargo Handling Capacity from 8 MMTPA to 10 MMTPA through Modernization of existing Pipeline network at Oil Jetty area - Replacement & Revamping of Pipeline network at Oil jetty area at Kandla renamed as "Augmentation of liquid cargo handling capacity by revamping of existing pipeline network at oil jetty at, Deendayal Port Trust, Kandla	79.43
3	Development of Backup area of Oil Jetty 8 (Phase-I) renamed as" Development of backup area of Oil Jetties No.8 to 11 (Phase-I)".	15.33
4	Development of area from Junction of West Gate-I to West Gate-II - Now renamed as "Development of Land West side of Road in between junction of West Gate 1 & 2 and Railway line to 12th Berth-StageII".	21.03
5	Retrofitting of existing cargo berth no. 8 Renamed as "Retrofitting of existing Cargo Berth No. 8 & 9"	46.31
6	Development of plots, roads & SWD in 34 hector area inside CJ Area	28.49
7	Construction of Oil Jetty No.7 at Old Kandla	52.43
8	Construction of Dome shaped Storage sheds inside cargo jetty area	34.32
9	Construction of Bridge over railway lines at Kutch Salt.	111.53
10	Sprinkling System for coal dust superession in 34 hectare coal yard	13.22
11	Design, Supply, installation, testing, commissioning of 08 Nos. quick release mooring hooks (QRMHs); vessel access Gangway; Firefighting facility as per OISD-156; including separate operation and maintenance of each system for five years at Oil Jetty No. 07 of DPA	13.58

**5. Staff Strength/H.R.D.:-**

The details of the staff strength and cost there in is as under: -

<b>S. No.</b>	<b>Particulars</b>	<b>2022-23</b>	<b>2021-22</b>
1	Class – I	73	74
2	Class – II	49	51
3	Class – III	802	875
4	Class – IV	429	470
5	Shore workers	55	63
5	Dock Labour	305	320
	<b>Total Nos.</b>	<b>1713</b>	<b>1853</b>
	<b>Employees cost in crore</b>	<b>268.73</b>	<b>253.75</b>

## 6. Productivity

### A. EFFICIENCY PARAMETERS:

#### i) Average ship berth day out put: (In tonnes)

S. No.	Category	2022-23	2021-22
1.	Liquid bulk	27948	27541
2.	Dry bulk	14230	13813
3.	Break bulk	4051	3753
4.	Containers	15231	18842
5.	Overall	16074	15501

#### ii) Overall Idle time at berth as percentage of total stay of vessels at berth. (all vessels)

S. No.	Category	2022-23	2021-22
1.	Overall	20%	18%

#### iii) Average pre-berthing detention of vessels (in days)

S. No.	Category	2022-23	2021-22
1	<b><u>Liquid Bulk</u></b>		
	On Port Account	1.06	0.93
	On Non-Port Account	0.85	1.37
2	<b><u>Dry Bulk</u></b>		
	On Port Account	1.91	0.46
	On Non-Port Account	0.56	1.20
3	<b><u>Break Bulk</u></b>		
	On Port Account	3.76	1.36
	On Non-Port Account	1.04	2.76
4	<b><u>Container</u></b>		
	On Port Account	0.22	0.22
	On Non-Port Account	0.78	0.73
5	<b><u>Overall</u></b>		
	On Port Account	1.55	0.82
	On Non-Port Account	0.79	1.48

#### (iv) Average turn round time of vessels (in days)

S. No.	Category	2022-23	2021-22
1	<b><u>Liquid Bulk</u></b>		
	On Port Account	2.82	2.58
	On Non-Port Account	0.15	1.54
2	<b><u>Dry Bulk</u></b>		
	On Port Account	4.13	4.33
	On Non-Port Account	0.19	0.81
3	<b><u>Break Bulk</u></b>		
	On Port Account	8.21	6.54
	On Non-Port Account	0.38	2.89
4	<b><u>Container</u></b>		
	On Port Account	2.38	1.66
	On Non-Port Account	0.13	0.78
5	<b><u>Overall</u></b>		
	On Port Account	3.82	3.44
	On Non-Port Account	0.19	1.53

## 7. **Industrial Relations**

Industrial Relations continued to be cordial in Deendayal Port Authority and there was no strike as per Industrial disputes were settled/ closed during the year 2022-23 with the co-operation of Trade Unions.

## 8. **Welfare Activities :-**

The details of expenditure incurred on various welfare activities are furnished as under: -

<b>(Rs. in lakhs)</b>			
<b>Sr. No.</b>	<b>Particulars</b>	<b>2022-23</b>	<b>2021-22</b>
1	Medical financial assistance	13.27	-
2	Sports & cultural program	41.84	2.27
3	Diet allowance to sports persons	0.372	-
4	Prizes & celebration of republic etc	0.44	0.13
5	Expenses for women cell	1.23	0.04
6	Festival Celebration-Religious/ National	20.90	12.67
7	Scholarship	6.07	3.90
8	Memento to retired employee	5.12	7.75
9	Family Security Scheme(Funeral)	4.80	9.00
10	DPA SC/ST Union/Ambekar Jayanti	1.81	-
11	Various days celebration	9.55	4.41
12	Azadi ka Amrit Mohatsav event	2.33	11.05
13	Others (Selection trial and Yoga Expences)	0.433	0.26

## 9. **Accidents/Safety Measures:-**

### **Safety measures implemented/adopted during 2022-23:**

- ✓ DPA awarded with Certificate of Appreciation by National Safety Council for appreciable achievements in Occupational Safety & Health. The Award function was held at Goa in March 2023.
- ✓ Quarterly Dock safety committee meeting
- ✓ External Safety Audit of DPA is conducted by Oil Industry Safety Directorate in AUG 2022 for POL (Flammable Substances) and by National Safety Council of India in JULY 2023 for Non-flammable Substances.
- ✓ Implementation of KPI addressed in Report of Committee Constituted by MoPSW for Improving Safety Performance of Major Ports
- ✓ Implementation of KPIs of MIV 2030
- ✓ Compliance of statutory requirements in coordination with Inspectorate of Dock Safety.
- ✓ Conduct Safety Campaigns: Dock safety week celebration for employee participation to build a safety culture
- ✓ Notification for Dangerous Goods as per Regulation 76 of Dock Workers (Safety, Health and Welfare) regulations 1990
- ✓ Conduct Safety inspection of port
- ✓ Significant reduction in nos. of FATAL and NON FATAL accidents compare to previous years
- ✓ Engagement of contractual staff for monitoring safety activities
- ✓ Effective functioning of Training Center for safety and Productivity Re-engineering" & Container based training center at WG-1, Occupational Health Services
- ✓ Preparation of Safety Manual

- ✓ Development of Ship Bunkering Guidelines
- ✓ Circular for restriction of usage of mobile phones in oil jetty and promote use of intrinsically safe walkie-talkies.
- ✓ Circular for Procedure of Safety Champion of the Month Scheme to promote safety culture.
- ✓ Safety Advisory to Port Users for preventing dangerous occurrences incidents
- ✓ Development of pocket booklet of traffic safety management

### 1) Strengthening of Safety Division:

To develop and implement a safety system, it is very important to strengthen safety team for monitoring day to day activities inside the port. DPA management has taken keen interest and have engaged **5 nos. of safety supervisors & 39 nos. of traffic wardens** on contract basis for monitoring day-to-day safety activities inside the port. This has happened first time that such initiative has been taken by DPA among all major port of India. They have helped to implement safety parameters like conducting safety inspections, checking of work permit system, identifying Unsafe act/unsafe conditions, traffic safety management, PPEs compliance, Lifesaving rules & other safety rules implementation etc. inside the port.



### 2) Safety Training & Capacity Building:

For success of any organization in the field of safety, it is very important that all personnel shall have a knowledge and awareness of the safety procedure and rules while carry out any work inside the port. For enhancing the knowledge and awareness among the workers, DPA has developed "Training Centre for safety and Productivity Re-engineering" at 2<sup>nd</sup> floor of viewer's gallery, kandla. To operate the centre, One Safety Trainer and Two Assistant to Safety Trainer have been engaged on contract basis. The centre has been started from November 2021 and more than **5800** personnel covered till date.

As we know that road accidents are one of the major reason of personnel death in our country. The person dies on the road due to many reasons in which one of the major reason is distractive driving by driver. Port is the industry where thousands of vehicles are visiting every day for carry out port operations. Hence to educate the by road truck drivers who are visiting he port, DPA has developed container based safety training centre at west gate-1. The training centre runs on daily basis. A short film of 15 minutes has been prepared on Life saving rules, Driver safety rules, Defensive driving safety rules, Statutory requirements, Unsafe Conditions, Unsafe Acts, Accidents occurred inside the port in past years, Penalty provision for violation of rules etc. In the center more than **1,00,519 truck drivers and cleaners** have been sensitized since the November 2020. There is a significant reduction in the road accident rate after development of this center.

DPA is also planning to develop a simulator based training center for Truck drivers,



equipment operators, crane operators etc. for enhancing practical knowledge and capacity building.

**Training Centre for Safety and Productivity Re-engineering, Viewer's Gallery, New Kandla:**



**Container based safety training center at west gate-1 for Truck Drivers:**



### **3) Safety Campaigns:**

National safety week celebration 2022-23: The NSW celebrated by DPA for enhancing the participation of all personnel working inside the port for building a safety culture. The Safety Day (4<sup>th</sup> March) / Safety Week Campaign being spearheaded by the National Safety Council, India since last four decades. This campaign has helped a lot to create safety awareness among the workers through various activities being carried out. In National Safety Week Celebration 2022-23 activities carried out are as per below:

- Inauguration Ceremony of Dock safety week celebration 2023.
- Live Demonstration of PPE's & Safety gadgets.
- "Road Safety Message by MASCOT" Delivering Safety messages through visual awareness
- EXTERNAL TRAINING: "Defensive Driving" by Shri Amit Khatri (An expert on Road Safety Training)
- Competition for Models preparation on Safety aspects (Theme: "Our Aim-Zero Harm")
- Safety Poster, Safety Slogan & Safety Poem Competitions:
- Safety film show on "Our Aim-Zero Harm" (Safety film display on vehicle by LED screen at various locations in port). Closing ceremony and prize distribution.







#### 4) Safety Committee Meeting (Management Review for enhancement of Safety):

Dock safety committee meeting conducted quarterly and rigorous follow-up for the action plan is being developed. The Key outcomes from the Dock Safety Committee Meeting are below which have helped to enhance the overall safety of port:

- Significant improvement in illumination level inside the port. All the ordinary luminaries have been replaced by LED fittings and New high mast towers also installed at required locations.
- Revamping of oil jetty product pipelines for enhancing Productivity and Safety
- Installation of advance firefighting system as per OISD-156 standard at oil jetty
- Refurbishment of old dry cargo berths.
- Development/Refurbishment of Roads.
- Demolition of old warehouses and construction of new warehouses
- Development of new drainage system
- Development in labor welfare facility inside the port. i.e. New Toilet Blocks, Drinking Points, Rest Shelter, New Mobile Rekdies, Canteens etc. are developed.
- 2 Water cannon machine, 2 Road sweeper machine procured and used for prevention of coal and other dust. water sprinkling system installation at 34-hectare area.



- SPM level monitoring survey conducted through external consultant for dust monitoring.
- Structure stability survey conducted by external agency. P&C building vacated for safety of personnel.
- Installation of Safety sign boards at strategic locations.
- Electrical Safety Audit and Navigational Safety audit conducted.
- Circular for restriction of usage of mobile phones in oil jetty and promote use of intrinsically safe walkie-talkies and mobile phones.
- CCTV and RFID implementation.
- Planning for implementation of internal E-bus services is under progress. This will help to restrict 2-wheelers and 3-wheelers entry inside the port and reduce the road accidents.

#### 5) Occupational Health Facilities:

- **Medical Examination** of all workers conducted on daily basis at port hospital kandla. More than **3812** personnel have been medically examined since Nov 2021.
- **3 First Aid Centers** have been started inside the port 24X7. The full-fledged first aid center in Oil Jetty premises is developed first-time since inception of oil jetty.
- **30 nos. of First Aid Boxes** installed at strategic locations inside the port premises.
- On every Wednesday "Dhanvantari Arogya Rath" moves at various locations of port & special medical check-up done for workers. Till date total 3524-OPD and **436-LAB TESTING** being conducted during this special medical campaign.

#### 6) Notification for Dangerous Goods: Regulation 76:

As per the Dock Workers (Safety, Health & Welfare) Regulations, 1990, Notification for Dangerous Goods: Regulation 76, is compiled strictly while carry out dangerous goods handling at port. To ensure the safety of the dock workers while loading/discharging dangerous goods at oil jetty area, the process of pre checking of documents related to safety is compulsory. These guidelines are being complied strictly by all port users. The agent of vessel and master of vessel have to fulfil all the requirement as mentioned in application for clearance of safety for commencing loading / discharging of cargo at oil jetty.

#### 7) Safety Performance Template of DPA (Implementation of KPI addressed in Report of Committee Constituted by MoPSW for Improving Safety Performance of Major Ports):

Total 150 nos. of action items defined for Implementation of KPI addressed in Report of Committee Constituted by MoPSW for Improving Safety Performance of Major Ports.

The safety templates defined and monitored for major items are as under:

##### 1) General Safety Templates

- Visible Commitments
- Regulatory Compliances
- Audits
- Periodic Risk Assessment
- Standard Operating Procedures (SOP)
- Training
- Incident Investigation & Reporting

- Human Resource
- 2) Mechanical
- 3) Road Traffic
- 4) Rail Traffic
- 5) Navigational Safety
- 6) Material Handling/ storage
- 7) Lighting and Electrical
- 8) Civil
- 9) Disaster Management

#### **8) Implementation of KPIs of MIV 2030:**

The safety measures adopted/under progress for implementation of KPIs of MIV 2030:

- 1) Development of Training Center for Safety and Productivity Re-engineering.
- 2) Strengthening of Safety Division/Safety Management Cell by engaging contractual staff for monitoring safety aspects inside port.
- 3) Formation and implementation of QHSE Policy
- 4) ISO45001:2018 standard certification for management systems of occupational health and safety (OH&S).
- 5) Container based safety training center for byroad truck drivers.
- 6) Develop Simulator based training center for crane/equipment/truck etc. under Center of excellence.

- 9)** Incident reporting and incident investigation of fatal/Non-Fatal/Dangerous occurrence incidents. Issue of advisory to different departments and port users for adopting safety measures for avoiding untoward incident.

- 10)** Safety inspection of Cargo Jetty, Oil Jetty area, Ware houses and Open plots etc.

#### **10. Environmental Protection:-**

For environment protection, Deendayal Port Authority has carried out following activities:

Preparation of Environmental Management and Monitoring Plan (EMMP):

DPA has appointed M/s, Gujarat Environment Management Institute (GEMI), Gandhinagar as an Environmental Consultant as per Work Order No. EG/WK/EMC/1023/2011/III/239 dated 15/02/2023 for monitoring of various aspects of environment for the period of three years as part of this, M/s M/s, Gujarat Environment Management Institute (GEMI), Gandhinagar has prepared a detailed Environmental Management and Monitoring Plan for Deendayal Port Authority in March 2023.

DPA has appointed M/s, Gujarat Environment Management Institute (GEMI), Gandhinagar as an Environmental Consultant as per Work Order No. EG/WK/4751/Hazira and Ghogha/285 dated 18/04/2023 for monitoring of various aspects of environment for the period of three years As part of this, M/s M/s, Gujarat Environment Management Institute (GEMI), Gandhinagar has prepared a detailed Environmental Management and Monitoring Plan for Deendayal Port Authority in June 2023.

For acquiring Equipment required for monitoring Environmental Pollution:

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Instruments for Marine Water, Drinking water, STP :

Sr. NO	Name of Instrument	Qty
1	PH Meter – Handy make Hana	01
2	PH Meter –Bech Top make Toshniwal	01
3	Turbidity Meter Table type make Labtronics	01
4	Colony Counter Table type make Labtronics	01
5	Compound Microscope Binocular make Olympus MLXBplus	01
6	Filtration Assembly Glass make J-Sil	01
7	COD Reactor with 15 Glass ware set Make BTI	01
8	Handy TDS Meter	01
9	Conductivity Meter table type make Labtronics	01
10	Vacuum Pump	02
11	Soxhlet Extraction Heating mantle type (6 pocket)	01
12	Thermometer (0 to 110)	01
13	Thermometer (0 to 350)	01
14	Handy Conductivity Meter	01
15	Niskin Sampler	01

Instruments Ambient Air Quality Monitoring :-

Sr. NO	Name of Instrument	Qty
1	Respirable Dust Sampler	08
2	Fine Particulate Sampler	08

Instruments for Soil/Sediments and Noise Monitoring :-

Sr. NO	Name of Instrument	Qty
1	Grab Sampler	01
2	Noise meter	02

Instruments for Weather Station

Sr. NO	Name of Instrument	Qty
1	Automatic Weather station	02

For acquiring dust suppression system:

To Prevent of dust pollution DPA has installed water sprinkling system in coal yard area. To control the dust from bulk cargo like fertilizer, coal, sulphur, etc, the Port-users are encouraged to use hopper during discharge from vessels.

For setting up of sewage/waste water treatment plants /garbage disposal plant :

- 1) Sewage generated at Port area and Port colonies is being properly treated through Sewage Treatment Plants outside Port area at Kandla and Port Colony at Gopalpuri.
- 2) Deendayal Port has engaged CPCB/GPCB authorized agencies for the disposal of Hazardous waste (spent / used oil from ships) as per the Hazardous Wastes (Management and Handling) Rules.

For Plantation :-

- Deendayal Port has signed MoU with Gujarat Forest Department in August 2019 for Green Belt Development in an area of 31.942 Ha of land owned by Deendayal Port Authority. The plantation has already been carried out by the Social Forestry division of Kachchh.
- DPA has planted mangroves in an area of 1600 hectares. In addition, M/s IFFCO (100 ha.) and M/s AKBTPPL (250 ha.) carried out mangrove plantation in a land area of 350 ha which has been provided by DPA (i.e. a total of 1950 ha of mangrove plantations have been created on DPA's land).
- DPT has appointed M/s GEMI, Gandhinagar for the work "Making Deendayal Port a Green Port-Intended Sustainable Development under the Green Port Initiatives". M/s GEMI, Gandhinagar had submitted the Final Report on 10/03/2021
- DPA has assigned work of "Greenbelt Development in Deendayal Port Authority and its surrounding area (Phase I) to Gujarat Institute of Desert Ecology (GUIDE), Bhuj vide work order dated 31/05/2023.
- DPA has accorded the work of "Green belt development in DPA and its surrounding area (Phase II) to Gujarat Institute of Desert Ecology (GUIDE), Bhuj vide work order dated 23/06/2023 for the plantation of 10000 saplings of suitable species.

for setting up of projects for energy generation from renewable energy sources:

The Port has installed 20.7 MW (10 wind turbine generator) wind firm at the capital cost of Rs. 91.54 Cr. . Out of 10 WTG, 5 WTGs are being utilized for captive consumption and the remaining 5 WTGs have been earmarked for third-party sell.

Improve Quality of Harbour Waters:

GPCB has carried out specification of Port & were improved with cleanliness of harbor waters.

Prohibition of disposal of almost all kinds of garbage sea :-

All Regulations of MARPOL 73/78 are implemented in the DPA.

Provision of adequate reception facilities in ships as per IMO guidelines and resolution :



Collection, Transportation and Safe Disposal of sludge, oil waste, garbage etc are out sourced to various vendors who have been authorized by GPCB. These Authorized Operators collect sludge, oil waste, garbage etc and take them to notified disposal yards/ facilities & properly dispose off the same. There after information regarding safe disposal is made to GPCB and on "SWACH SAGAR PORTAL"

#### **Notable events/General:-**

Deendayal Port Authority is ISO 9001:2015 & ISO 14001:2015 certified for Quality and Environmental Management Systems.

#### **HANDLING OF CARGO**

##### **(A)**

Achievements / Important events of FY 2022-23 at DPA :

- For 16th year in a row, DPT stood at No. 1 position in cargo handling among India's Major Ports.
- Handled a record cargo throughput of 137.56 MMT in the fiscal, which is highest by any Major port in the history of the country.
- Handled 3360 no. of ships during the fiscal.
- The Union cabinet has approved the ambitious projects of container terminal and multipurpose cargo berths of DPA at Tuna tekra. The drafts will be more than 14 mtrs. and more than 6000 TEU capacity ships will be handled at the container terminal.
- Construction of new dome shaped godowns worth 280 cr. Are being constructed to reduce waiting and turn around times and also improve output and other efficiency parameters at the port. This will increase the storage capacity by 1.45 lakh metric tons.
- Construction of oil jetty no. 8 at a cost of Rs. 99 crores, will increase the optimal capacity of the port by 3.50 MMTPA.
- Modernization of existing pipeline network at cost of rs. 126.50 crores to improve operational efficiency, will increase the optimal capacity from 8 to 23.80 MMTPA.
- The vessel Bellemar with a draft of 14.20 mtrs, was directly berthed at CJ-16, with 76610 MTs of Raw sugar.

##### **(B) POLICY FRONT :**

There is routine changes in Berthing policy and yearly revision of NORMS and no other changes or important event on policy front..