

DIRECTORATE OF FACTORIES & BOILERS, ODISHA, BHUBANESWAR – 751 001

Ph.No.-2396070

No.IV(IH)(6)-3/11/ 12794 Date 21/10/2016

OFFICE ORDER

On the basis of quantity of hazardous chemicals handled being equal to or, in excess of the threshold quantities specified in column 3 of Schedules 2 and 3 under Rule 2 (g) of the Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996 and in pursuance of the Orissa Factories (Control of Major Accident Hazard) Rules, 2001, the following factories have been declared as MAH (Major Accident Hazard) Installations.

| Sl. No. | District | Name & address | Chemicals handled | Quantity handled | Threshold quantity |
|---------|-----------|---|--|---|---|
| 1. | Angul | NALCO (CPP) At/PO:- Nalconagar | Chlorine Hydrogen HFO LDO | 45.000T 0.500T 4100 KL 2700 KL | 10.000T 2.000T 25.000T 25.000T |
| 2. | | Jindal Steel & Power Ltd. At/P.O.- Nisha | Chlorine Ammonia LDO Sodium Hydroxide Hydrochloric Acid Propane Methanol Hydrazine Gasification Oil Liquid Oxygen | 36.000T 2.000T 24.800T 36.000T 40.000T 150.000T 133 m ³ 2.000T 2800KL 1500.000T | 10.000T 50.000T 25.000T 15.000T 50000.000T 20000.000T 20000.000T 5000.000T |
| 3. | | Jindal India Thermal Power Ltd. At/P.O.- Derang, Via- Kaniha | Chlorine HFO LDO Hydrogen HSD Sulphuric Acid Hydrochloric Acid Caustic Lye | 28.800T 364.000T 40.000T 0.147T 8.000T 7.000T 18.000T 10.000T | 10.000T 25.000T 25.000T 2.000T 25.000T |
| 4. | | NTPC-Talcher Super Thermal Power Plant At/P.O-Kaniha | Hydrochloric Acid Caustic Soda Liquid Chlorine | 270.000T 200.000T 22 5.000T | 10.000T |
| 5. | Balasore | Indane Bottling Plant of IOCL At/PO:-Chhanpur | LPG | 1365.000T | 15.000T |
| 6. | Dhenkanal | Bhushan Steel Ltd. At/PO:- Narendrapur, Meramunduli | Liquid Oxygen LPG LDO HSD HCl NaOH H ₂ SO ₄ B F Gas Coke Oven Gas | 900.000T 270.000T 1.000T 0.290T 7.000T 15.000T 22.500T 100000 m ³ 50000 m ³ | 200.000T 15.000T 25.000T 25.000T |
| 7. | | BRG Iron & Steel Co. (P) Ltd. Unit-II At-Kurunti, P.O-Kusupanga | Propane | 100.000T | 15.000T |

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| 8. | | BRG Iron & Steel Co. (P) Ltd. Unit-III. At:- Kurunti P.O-Motunga | Propane | 180.000T | 15.000T | |
| 9. | Ganjam | Grasim Industries Ltd., At/PO:- Jayashree | Chlorine Hydrochloric Acid Sodium hydroxide Sulphuric Acid Hydrogen | 364.000T 801.000T 2309.000T 80.000T 43500NM ³ | 10.000T 2.000T | |
| 10. | Jagatsinghpur | Paradeep Phosphates Ltd. At/PO:- Paradeep | Ammonia Phosphoric Acid Sulphuric Acid Chlorine HSD FO | 50000.000T 60000.000T 35000.000T 3.000T 0.383T 3.638T | 50.000T 10.000T 25.000T 25.000T | |
| 11. | | Coastal Oil Installation of BPCL At/PO:- Paradeep | MS HSD SKO | 7.980T 28.192T 11.887T | 25.000T 25.000T 25.000T | |
| 12. | | Lighterage Terminal of IOCL At/PO:- Paradeep | SKO HSD MS | 35.200T 54.138T 22.173T | 25.000T 25.000T 25.000T | |
| 13. | | Paradeep Terminal of HPCL At/PO:- Paradeep | Petrol HSD SKO | 5.131T 19.771T 14.192T | 25.000T 25.000T 25.000T | |
| 14. | | Indian Farmers Fertilizers Co-operative Ltd.(IFFCO) At/PO:- Paradeep | Ammonia Chlorine HSD FO Sulphuric Acid Phosphoric Acid | 50000.000T 4.500T 0.420T 0.855T 65000.000T 50000.000T | 50.000T 10.000T 25.000T 25.000T | |
| 15. | | IOCL(Paradeep-Haldia Barauni Pipeline) At/P.O-Paradeep | Crude Oil | 12,00,000KL | 25.000T | |
| 16. | | IOCL [Paradip Refinery Project] At/PO:- Jhimani, Kujanga | Propylene LGP Naptha Motor Spirit (Regular) Motor Spirit (Premium) Dual Purpose Kerosene Superior Kerosene Oil HSD (Domestic) HSD (Export) Chlorine Hydrogen | 9402.000T 14808.000T 113321.000T 14110.000T 89971.000T 90428.000T 22631.000T 20536.000T 157931.000T 43.200 T 60.000T | 1000.000T 15.000T 1000.000T 1000.000T 1000.000T 1000.000T 1000.000T 1000.000T 1000.000T 10.000T 2.000T | |
| 17. | | IOCL, LPG Marketing Terminal At- Bhattargarh P.O- Atharbanki, Paradeep | LPG HSD | 1800.000T 20 KL | 15.000T 25.000T | |
| 18. | | Jajpur | Neelachal Ispat Nigam Ltd. At/PO:- Kalinganagar Industrial Complex | BF Gas Coke oven Gas | 675.000T 175.780T | 15.000T 15.000T |
| 19. | | | JSL Stainless Ltd. At/PO:- Kalinganagar Industrial Complex | LPG Liquid Oxygen HSD LDO/FO Ammonia | 995.000T 700.000T 0.023T 0.567T 20.000MT | 15.000T 200.000T 25.000T 25.000T 50.000T |

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| 20. | | Tata Steel Ltd., At/PO:- Kalinganagar Industrial Complex, Duburi | Propane | 300.000 T | 15.000T |
| 21. | | LPG Bottling Plant of IOCL At/PO:- Panchapada | LPG | 1050.000T | 15.000T |
| 22. | Jharsuguda | Vedanta Ltd. At/PO:- Bhurkhamunda | Ammonia FO HCl LPG | 6.000T 2.690T 23.700T 180.000T | 50.000T 25.000T 15.000T |
| 23. | | Jharsuguda Terminal, IOCL At/PO:- Malimunda, Talma | Motor Spirit HSD SKO | 9391.500T 25216.100T 4148.290T | |
| 24. | | LPG Bottling Plant of BPCL At/PO:- Indl. Estate Khurda | LPG | 390.000T | 15.000T |
| 25. | Khurda | LPG Bottling Plant of HPCL At/PO:- Jatni | LPG | 1740.000T | 15.000T |
| 26. | | Lingaraj Biscuits (P) Ltd, At:- Chandaka Industrial Estate P.O-Patia, Bhubaneswar-24 | Propane | 40.000T | 15.000T |
| 27. | | IOCL Bhubaneswar Depot (Bulk Petroleum Depot) At- Changhar, P.O- Kusumati, Jatni | Motor Spirit Aviation Gas SKO/HSD/ATF | 17095.500T 48 KL 29640.350T | |
| 28. | Koraput | BILT Graphic Paper Products Ltd. Unit-Sewa At/PO:- Gaganpur ,Via-Jeypore | Chlorine FO Sodium hydroxide Hydrogen Peroxide Sulphuric Acid Sodium chlorate | 100.000T 0.160T 74.000T 50.000T 80.000T 200.000T | 10.000T 25.000T |
| 29. | Mayurbhanj | Diana Foams (P) Ltd. At/PO:- Rairangpur | Toluene di-isocyanate | 30.000T | 10.000T |
| 30. | Rayagada | JK Paper Ltd, Unit-JK Paper Mills At/PO:- Jaykaypur | Chlorine Hydrogen-peroxide Sulphur dioxide Sodium hydroxide Hydrochloric Acid LDO FO | 120.000T 25.000T 9.000T 375.000T 90.000T 0.090T 0.033T | 10.000T 20.000T 25.000T 25.000T |
| 31. | Sambalpur | Bhushan Power & Steel Ltd. At/PO:- Thekoloi, Lapanga | LPG BF Gas Chlorine NaOH 47% H ₂ SO ₄ HCL (33%) Liquid Oxygen | 384.000 T 58.750T 4.000T 24.000T 6.600T 30.000T 102.000T | 15.000T 15.000T 10.000 T 200.000T |

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| 32. | | Rourkela Steel Plant (SAIL) At/PO:- Rourkela | Coke oven Gas Liquid Oxygen BF Gas Ammonia Sulphuric Acid Calcium Carbide | 171.250T 7.145T 187.500T 0.154T 16.000T 206.000T | 15.000T 200.000T 15.000T 50.000T |
| 33. | | NTPC-SAIL Power Company (P) Ltd. At/PO:- Rourkela | Sodium hydroxide Sulphuric Acid Sodiumhypochlorite LDO HFO Hydrogen LPG Chlorine | 16.000T 16.000T 2.000T 1500.000T 100.000T 0.450T 0.200T 4.500T | 25.000T 25.000T 2.000T 15.000T 10.000T |
| 34. | Sundergarh | Adhunik Metaliks Ltd. At- Chadrihariharpur, P.O- Kuarmunda | Propane High Speed Diesel Furnace Oil Transformer Oil HCL (33%) H ₂ SO ₄ (98%) BF Gas Producer Gas Coke Oven Gas | 37.500T 9.980 T 11.640 T 0.178 T 2.000 T 2.000 T 48000 Nm ³ /hr 7500 Nm ³ /hr 25 Nm ³ /hr | 15.000T 25.000T 25.000T 25.000T 15.000T 15.000T 15.000T |
| 35. | | Linde India Ltd. BOO Oxygen Plant At/PO:- Near Rourkela Steel Plant, Rourkela | Liquid Oxygen Liquid Nitrogen Liquid Argon | 5400.000T 3100.000T 624.000T | 200.000T |

This supersedes this office Notification No.15961 Dt.11.09.2015.

for
20.10.16
Director of Factories & Boilers, Odisha

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20/10/16
Memo No. 12795 (32) / Date 21/10/2016

Copy forwarded to Joint Director of Factories & Boilers, Level-I / Joint Director of Factories & Boilers, Level-II / all Deputy Directors of Factories & Boilers / all Asst. Directors of Factories & Boilers / Asst. Director of Factories (Medical) for information and necessary action. They are advised to report regarding any alteration / addition / deletion of MAH Installations / factories in their respective jurisdictions.

for
20.10.16
Director of Factories & Boilers, Odisha

Memo No. 12796 (3) / Date 21/10/2016

Copy forwarded to the Principal Secretary to Government of Odisha, Labour & ESI Department for kind information.

for
20.10.16
Director of Factories & Boilers, Odisha

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