ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-I/4, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamalavai street, Kasturbaipet, Vijayawada – 520 010

Phone: 0866-2436217
Grams : Kaluaya Nivarana
Website : www.appcb.ap.nic.in

Regd. Post With Ack Due


REVOCATION OF CLOSURE ORDER


Ref: 1. CFO Order No.KNL-444/APPCCB/ZO-KNL/CFO/2014-570, dt.22.08.2014.
3. Industry representation dt.11.06.2018.

WHEREAS you are operating Tyre Pyrolysis oil unit in the name and style of M/s. Pola Industries, Sy.No.29, Mulugundam Road, Arekal (V), Adoni (M), Kurnool District to produce Pyrolysis Oil.

WHEREAS the Zonal Office, Kurnool vide reference 1st cited, has issued Consent for operation (CFO) on 22.08.2014, duly stipulating certain conditions, which was expired on 31.05.2015. The industry has applied CFO application for renewal on 05.12.2015 and the ZO, Kurnool has rejected the CFO& HWA application for non-compliance of the SOPs specified by MoEF&CC, Gol.

WHEREAS the Zonal Office, Kurnool vide reference 2nd cited, has issued Closure order to the industry on 02.01.2018 for operating the industry without valid consents of the Board and for non compliance of Standard Operating Procedures (SOPs) notified by the Ministry of Environment and Forest & Climate Change (MoEF&CC), Gol.

WHEREAS vide reference 3rd cited, the industry has submitted representation to RO stating that they have completed all the pending compliance mentioned in the Standard Operating Procedures (SOP’s) and requested for the revocation of closure orders issued by the Board.

WHEREAS the officials of RC, Kurnool have inspected the industry on 13.06.2018 and furnished report as follows:

1. The industry has installed steel removal machine from the tyre and proposes to load the tyres into the reactor using hydraulic cranes without manual intervention.
2. The industry has installed compressor with pump for using tyre pyrolysis oil for initial heating of the reactor and there after pyrolysis gas being generated in the pyro reactor is used for heating of the reactor. The industry has provided chimney of height 30 mtrs for the dispersion of the flue gas.
3. The industry is letting the excess pyro gas into the pipe and is being flared at the top of the chimney which is about 30 mtrs above the ground level.
4. The industry has provided analog Temperature gauges and analog pressure gauges with emergency alarms.
5. The industry has installed Programmed Logic Control systems in such away that, the heating of the reactor stops in case of increase of temperature or pressure and the pyro gas will be flared at the chimney.
6. The industry has provided nitrogen cylinders for purging the reactor before opening of the main door of the reactor for removal of carbon.
7. The industry has provided 03 Nos., of sensors along with alarm system in the premises for detecting the leakages.
8. The industry has provided fire- hydrants and also hose wheel drum and water arrangements were made to put off fire in case of emergency.
9. The industry has obtained license from factory dept., gram panchayat.
10. The industry is disposing the carbon black to M/s. Dalmia Cements and other actual users.
11. The industry generates waste water i.e., pyro water from process, scrubber blow down and cooling bleed off. The industry has provided collection cum neutralization tank for scrubber blow down and cooling bleed off. After neutralization the waste water is being used gardening within the premises. The industry has not provided any treatment facility for the pyro waste water and the industry has proposed to dispose the pyro water (oil contaminated with water) from process to TSDF, Parawada, Visakapatnam/ M/s. Dalmia Cements for co-processing in cement klin.
12. The industry has obtained membership in M/s. Coastal Waste Management Project, Parawada and proposes to lift the oil sludge/Residues to TSDF, Parawada.

WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) of A.P. Pollution Control Board on 04.07.2018. The representatives of the industry attended the legal hearing. The Committee noted that the Zonal Office, Kurnool has issued closure orders to the industry on 31.03.2018 for operating without valid consents of the Board and for non compliance of Standard Operating Procedures (SOPs) notified by the Ministry of Environment and Forest & Climate Change (MoEF&CC), GoI. The committee also noted that the industry has installed steel removal machine from the tyre and proposed to load the tyres into the reactor using hydraulic cranes, provided analog temperature gauges and analog pressure gauges with emergency alarms, provided Nitrogen Cylinders for purging the reactor before opening of the main door of the reactor for removal of carbon, provided sensors along with alarm system in the premises for detecting the leakages. The EE, RO, Kurnool has informed that the industry has complied most of directions issued by the Board. The representatives of the industry informed that they disposed the carbon black to M/s. Dalmia Cements and other actual users. They obtained membership in M/s. Coastal Waste Management Project, Parawada and proposes to lift the oil sludge/Residues to TSDF, Parawada. It was also informed that they will apply for CFO within one week. Finally the industry requested for revocation of closure order as they have complied all directions issued by the Board.

After detailed discussions, the Committee recommended to issue Revocation of Closure order with certain directions. Accordingly, the Board hereby issues Revocation of Closure order with the following directions under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987:

1. The industry shall operate the unit after obtaining of valid CFO order of the Board.
2. The industry shall feed the crumb rubber into the pyrolysis reactor through mechanized system.
3. The industry shall use only liquid fuel or gas for initial heating of the reactor. The chimney height shall be maintained at 30 mtrs for releasing the flue gas into the atmosphere. Excess pyrogas should be flared through properly designed flaring system. The flaring should be done at a minimum height of 30 mts.
4. The industry shall provide adequate number of sensors along with alarm system at suitable locations throughout the plant to detect any leakage of flammable vapors from the system.
5. The industry shall ensure that at the end of pyrolysis process the reactor has to be cooled before the removal of carbon. During this process the reactor system should be purged with the Nitrogen.
6. The industry shall utilize mechanized system for removal of carbon and shall ensure that no spillages takes place during the collection of carbon in the bags.
7. The industry shall operate continuously the Effluent Treatment Plant for properly treating the waste water generated from condensers or any scrubbers.
8. The industry shall dispose off oil sludge/residues to TSDF regularly.
9. The industry shall comply Guidelines/Standard operating Procedure (SOPs) issued by MoEF&CC (HSM) Division, GoI.

M/s A.P.S.P.D.C.L., has been requested to restore power supply to M/s. Pola Industries, Sy.No.29, Mulugundam Road, Arekal (V), Adoni (M), Kurnool District.

You are hereby directed to note that, should you misuse this order and violate any one of the conditions mentioned above, your unit will be closed under Sec.33 (A) of Water (Prevention and Control of Pollution) Amendment Act, 1988, and under Section 31 (A) of Air (Prevention &
Control of Pollution) Amendment Act, 1987, in the interest of Public Health and Environment and you will be also liable for prosecution in the Court of Judicial Magistrate First Class under Sec.41 (2) of Water (Prevention and Control of Pollution) Amendment Act, 1988 and under Sec.37(1) of Air (Preventon and Control of Pollution) Amendment Act, 1987, the punishment for which includes imprisonment for a term which shall not be less than one year six months and which may be extended to six years and with fine.

*This Order comes into effect from today i.e., 21.07.2018.*

Sd/-
MEMBER SECRETARY

To
M/s. Pola Industries,
Sy.No.29, Mulugundam Road,
Arekal (V), Adoni (M),
Kurnool District -518302

Copy to:
1. The Managing Director, Southern Power distribution company of A.P. Limited, D.No.19-13-65/A, Srinivasapuram, Tiruchanoor Road, Tirupati – 517503, Chittoor dist for information and necessary action.
2. The Superintending Engineer (Operations), A.P.S.P.D.C.L., Anantapur for information.
3. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal Office, Kurnool for information and necessary action.
4. The Environmental Engineer, A.P. Pollution Control Board, Regional Office, Kurnool for information and necessary action.

//T.C.F.B.O //

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II