ANDHRA PRADESH POLLUTION CONTROL BOARD
D.No.33-26-14, D/2, Near Sunrise Hospital, Pushpa Hotel Centre,
Chalamavari street, Kesturibaipet, Vijayawada – 520 010

Regd. Post With Ack Due

Order No.125/APPCB/UH-II/TF/KNL/2015. Dt.10.01.2018

REVOCAITION OF CLOSURE ORDER

Sub: APPCB – TF – HO - M/s. Shivtek Industries Private Ltd (Unit-II) located at Sy.No.62-A,
Gondiparla (V), Kurnool District – Industry requested for revocation of closure order

Ref: 1. CFO order No.287/APPCB/ZO-KNL/CFO/2014 – 502, Dt.04.08.2014 with a valid
upto 30.11.2016.
2. Fire accident occurred on 08.10.2016 at about 2.00PM.
5. Closure order no.125/APPCB/UH-II/TF/KNL/2015, dt.05.11.2016.

WHEREAS you are operating the industry in the name and style of M/s. Shivtek Industries
Private Ltd (Unit-II) located at Sy.No.62-A, Gondiparla (V), Kurnool District to produce
Chlorinated Paraffin Plasticizer – 50 MT/day and Hydro Chloric Acid (HCL) – 100 MT/day as a
by product.

WHEREAS the Board vide reference 1st cited, issued Consent for Operation to the industry, with
有效期 upto 31.11.2016. In the CFO order it was stipulated that, the industry shall take all
precautions to control the discharge of effluents, emissions and odour to the surroundings.

WHEREAS vide reference 2nd cited, a fire accident was occurred on 08.10.2016 at about 2.00
PM in the industry resulted in release of effluents, emissions and odour into the surroundings.

WHEREAS vide reference 3rd cited, the EE, RO, Kurnool inspected the industry and surrounding

WHEREAS vide reference 4th cited, the EE, RO, Kurnool has issued show cause notice to the
industry on 10.10.2016 for fire accident occurred on 08.10.2016 through e-mail.

WHEREAS vide reference 5th cited, the Board was reviewed the industry before External Advisory
Committee (Task Force) meeting held on 21.10.2016 and committee recommended to issue
closure order. Accordingly, the Board has issued closure order to the industry on 05.11.2016
with following reasons:

a) The industry has not taken any steps to bring down the emission / discharges to the
prescribed standards.

b) The industry has not taken adequate safety measures and also not educated the
workers and nearby public of possible accidents and remedial measures.

c) The industry has not disposed the waste water containing paraffin oil generated during
fire fighting operation and formed cess pools near M/s.SRHHL.

WHEREAS the Board vide reference 6th cited, issued revocation of closure order to industry on
04.08.2017 with a direction that the industry shall use the power supply for re-installation of
pollution control equipments only and not use for production activity.

WHEREAS the industry vide reference 7th cited, submitted a representation vide letter
dt.20.10.2017 for permanent revocation of closure orders as they have complied with the
conditions stipulated in the order dt: 04.08.2017 and restoration power supply for running the
factory also.
WHEREAS vide reference 8th cited, the Officials of Regional Office, Kurnool has inspected the industry on 17.10.2017 and submitted the inspection report as follows:

1. It was observed that the industry has not started the production activity and is utilizing the power supply for the installation of the machinery only.
2. As per the process details submitted by the industry, chlorine gas is fed through pipe line in reactor having predetermined quantity of paraffin oil to form chlorinated paraffin wax and is an exothermic reaction. Also, the HCL gas is evolved due to replacement of hydrogen atom with chlorine and again combining with chlorine making HCL gas.
3. The industry has installed 06 Nos. of reactors of capacity - 04 tons/batch (batch duration 24 – 28 Hrs) for carrying reacting chlorine with heavy normal paraffin oil. The industry is drawing the chlorine gas from M/s SRAAC Ltd., through pipeline at a pressure of 2.8 to 3.0, Kgs/cm². In addition to the above, the industry is also storing chlorine in the premises in tonner’s (14 cylinders of capacity – 900 Kgs each) for use in case of emergency.
4. The industry has installed two stage graphite scrubber with chilled water as a scrubbing solution for scrubbing the excess chlorine gas from the reactors. The resultant HCl of concentration of about 30 to 32% is sold being sold as a by-product. The vent of the scrubbers is connected to the hypo plant of M/s SRAAC Ltd., where it is being used for manufacture of Calcium Hypo solution. The industry has installed suction blowers to augment the suction of SRAAC Ltd. suction line.
5. The industry has implemented fire & safety measurements during the re-commissioning of the plant such as i) installed external fire hydrant with 50 HP electric pump, 10 HP Jockey pump & 10 HP diesel pump ii) installed 30 No’s of foam type & CO₂ Fire extinguishers with ABC type iii) reduced no of oil storage tanks from 17 No’s to 5 No’s iv) repositioned the melters away from the FRP tanks v) FRP tanks were provided with resin to withstand the temperature more than 200°C v) installed the coolers, condensers and absorbers to control the temperature of HCl vi) increased the distance between the tanks and also provided the fire hydrant line in the entire plant.
6. The industry utilizes the steam in the melters for heating of the oil and being met from M/s SRAAC Ltd., and the representative of the industry has informed that they require the heating the paraffin oil only during the winter season.
7. The industry has installed the chlorine sensor at the chlorine storage shed and also in the ware house. The industry is yet to install the chlorine sensor at the process blocks to identify the chlorine gas leakages.

Whereas legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 28.12.2017 vide reference 9th cited. The representatives of the industry attended the legal hearing. The Committee noted that the Board has issued closure order to the industry on 05.11.2016 as the industry has failed to bring down the emission / discharges during fire accident to comply with the prescribed standards and non-compliance of CFO conditions of the Board. The representative of the industry has informed that they implemented fire & safety measurements during the re-commissioning of the plant such as i) installed external fire hydrant with 50 HP electric pump, 10 HP Jockey pump & 10 HP diesel pump ii) installed 30 No’s of foam filled & CO₂ Fire extinguishers with ABC type iii) reduced oil storage tanks from 17 No’s to 5 No’s iv) repositioned the melters away from the FRP tanks v) FRP tanks were provided with resin to withstand the temperature more than 200°C v) installed the coolers, condensers and absorbers to control the temperature of HCl vi) increased the spatial distance between the tanks and also provided the fire hydrant line in the entire plant. They informed that the industry has installed the chlorine sensor at the chlorine storage shed and also in the ware house. They also informed that the industry obtained no objection from factories department upon completion of the above safety measures. The EE RO, Kurnool has informed that the industry has not started the production activity and it is utilizing the power supply for the installation of the machinery only. The industry has installed two stage graphite scrubber with chilled water as a scrubbing solution for scrubbing the excess chlorine gas from the reactors.

The Committee after detailed discussions, recommended to issue the revocation of closure order with certain directions. The Board hereby issue 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 ensure all the safety measures are well maintained and intact during operational phase. They shall undertake performance evaluation of the measures so far implemented for effectiveness to prevent re-occurrence of fire accidents at the industry premises.
2) The industry shall obtain valid CFO from the Board prior to restart the production activity.
3. The industry shall prepare comprehensive onsite emergency preparedness plan in consultation with reputed agency/ organization and shall furnish to the Board within 3 months.

4. The industry shall provide interlock between chlorine feeding line and online sensors installed at the premises, to stop feeding of chlorine into reactors in the case of alert on chlorine gas leakages occurs at the premises.

5. The industry shall develop the thick green belt all along the periphery within the plant premises in the ensuing monsoon season.

The implementation progress and compliance to the above directions shall be furnished to ZO, Kurnool & RO, Kurnool every 3 months.

M/s A.P. S.P.D.C.L., has been requested to **restore power supply** to M/s. Shivtek Industries Private Ltd (Unit-II) located at Sy.No.62-A, Gondiparla (V), Kurnool District.

This Order is issued under Sec. 33(A) of the Water (Prevention & Control of Pollution) Amendment Act, 1988 and under Sec. 31(A) of the Air (Prevention & Control of Pollution) Amendment Act, 1987.

You are hereby directed to note that, should you violate any one of the conditions mentioned above, your unit will be closed under Sec. 33(A) of the Water (Prevention & Control of Pollution) Amendment Act, 1988 and under Sec.31 (A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 without any further notice, in the interest of Public Health and Environment.

*This Order comes into effect from today i.e., 10.01.2018.*

Sd/-
MEMBER SECRETARY

To:
M/s. Shivtek Industries Private Ltd (Unit-II),
Sy.No.62-A, Gondiparla(V),
Kurnool District-518 004.

Copy to:
2. The Superintending Engineer (Operations), APSPDCL, Kurnool, Kurnool District for information and necessary action.
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
Regd. Post With Ack Due

Order No. 125/APPCCB/UX-II/TF/KNL/2017-


Ref:

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A.P Pollution Control Board vide ref.1st cited requested M/s A.P.S.P.D.C.L to disconnect the power supply to the industry M/s Shivtek Industries Private Ltd (Unit-II) located at Sy.No.62-A, Gondiparla (V), Kurnool District for fire accident occurred on 08.10.2016 and the industry has not taken any steps to bring down the emissions / discharges to the prescribed standards..

A.P Pollution Control Board vide ref.2nd cited, issued orders for revocation of Closure Order on 04.08.2017 with a direction on they shall use the power supply for re-installation of pollution control equipments only and not use for production activity.

A.P. Pollution Control Board vide ref.3rd cited, issued orders for revocation of Closure Order.

In exercise of the power vested with A.P. Pollution Control Board, 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. Southern Power Distribution Company of A.P. Ltd., is requested to Restore Power Supply to M/s. Shivtek Industries Private Ltd (Unit-II) located at Sy.No.62-A, Gondiparla (V), Kurnool District.

This order is issued under Section 33 (A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and under Section 31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987.

This Order comes into effect from today i.e., 10.01.2018.

Sd/-
MEMBER SECRETARY

The Superintending Engineer (Operations),
APSPDCL, Kurnool,
Kurnool District.

Copy to:
2. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal Office, Kurnool for information and necessary action.
3. 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
UX-II
TEMPORARY REVOCATION OF CLOSURE ORDER

Order No.344'/APPCB/UY-II/TT/TPTY/2018-

Dt.10.01.2018


WHEREAS you are operating a stone crushing unit in the name & style of M/s Srinivasa Constructions located at Sy.No.194,195/1 & 195/2, Gollapalli (V), Mylavaram (M), Kadapa District.

WHEREAS the Board vide reference 1st cited, issued closure order to M/s Srinivasa Constructions on 05.08.2011 under section 31(A) of Air (Prevention and Control of Pollution) Amendment Act, 1987 for operating the industry without CFE / CFO of the Board and operating the industry without requisite Air Pollution Control Systems to control dust emissions.

WHEREAS the action taken report called by Director General, GA (Vigilance & Enforcement) Department vide Note No.5(C.No.454/V&E/YN/1/2015) Dt.24.01.2017 vide reference 2nd cited on “necessary steps for closure of stone crushing units M/s A.B.Nagireddy stone crushers and M/s Srinivasa Constructions located at Gollapalli (V), Mylavaram (M), Kadapa District for operating the industries without obtaining CFE/ CFO of the Board”.

WHEREAS the Board vide reference 3rd cited, issued show cause notice with a direction to the industry “not to operate the industry under any circumstances by means of DG set or any mechanical devises, failing which your industry will be prosecuted U/s. 37(1) of Air (Prevention and Control of Pollution) Amendment Act, 1987”.

WHEREAS the industry vide reference 4th cited, submitted a request letter on 19.09.2017 for revocation of closure order issued by the Board stating that they will comply the all directions issued by the Board.

WHEREAS the officials of Regional Office, Tirupati has inspected the industry on 13.09.2017 vide reference 5th cited and observed the following:

1. The industry has applied for CFO of the Board through online system on 26.09.2017.
2. The industry partially provided the following:
   I. G.I. Sheet cladding to the jaw crusher,
   II. G.I. Sheet cladding to the vibrating screen.
   III. G.I. Sheet cladding to the Dust tank at top
WHEREAS legal hearing was conducted before the External Advisory Committee (Task Force) Meeting of A.P. Pollution Control Board on 28.12.2017 vide reference 5th letter. The representatives of the industry attended the legal hearing. The Committee noted that the Zonal Office, Kumool has issued Closure order to the stone crusher on 28.09.2017 for not providing adequate air pollution control measures and not obtained CFO order of the Board. The committee also noted that the non-compliance of the Board directions. The EE, RO, Tirupati has informed that the industry has provided the air pollution control systems to minimize the air pollution on the surrounding. The representative of the stone crushers informed that they provided water sprinkling systems to control fugitive dust emissions. They will provide laying of metal road within 2 months. It was also informed that they provided GI sheet cladding to the jaw crusher, vibrating screen and closed bunker for collection of stone dust. Finally the stone crusher has requested to issue revocation of closure order, as they have partially complied with directions issued by the Board.

After detailed discussions, the Committee recommended to issue Revocation of closure order for period of one year with certain directions. Accordingly, the Board hereby issue Revocation of closure order for period of one year 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 stone crusher shall obtain Consent for Operation from the Board prior to re-commissioning of the stone crushing activity.
2. The industry shall continuously operate the air pollution control equipment so as to achieve the standard of 600 μg/m³ for SPM when measured at a distance of 3 to 10 Mtrs from any process equipment of the stone crushing unit.
3. The stone crusher shall operate water sprinkling systems continuously and shall provide flow meters with totalizer to record the quantity of water consumption for dust suppression at industry premises within one month.
4. The stone crusher shall carry out regular cleaning and wetting of the ground in the premises.
5. The stone crusher shall complete paving of metal roads within the premises within 2 months.
6. The stone crusher shall develop & maintain thick green belt along boundary of the crusher.

The implementation progress of the above directions shall be reported to RO, Tirupati and ZO, Kumool for every fortnight.

M/s A.P.S.P.D.C.L., has been requested to temporarily restore power supply for period of one year to M/s.Srinivasa Constructions is located at Sy.No.194,195/1 & 195/2, Gollapalli (V), Mylavaram (M), Kadapa District.

You are hereby directed to note that, should you misuse this order to operate the unit beyond the time period given to you 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 (Prevention 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., 10.01.2018.

To:
Mis. Srinivasa Constructions,
Sy.No.194,195/1 & 195/2,
Gollapalli (V), Mylavaram (M),
Kadapa District-516 362.

Copy to:

1. The Managing Director, Southern Power Distribution Company of A.P. Limited,
   D.No.19-13-65/A, Srinivasapuram, Thiruchanoor Road, Tirupati – 517 503,
   Chittoor Dist. for information and necessary action.
2. The Superintending Engineer (Operations), APSPDCL, Kadapa District for
   information and necessary action.
3. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal
   Office, Kurnool for information.
4. The Environmental Engineer, A.P. Pollution Control Board, Regional Office,
   Tirupati for information.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II
Order No. 344/APPCB/UFH-II/TF/TPTY/2018-


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A.P. Pollution Control Board vide ref.1st cited requested M/s A.P.S.P.D.C.L to disconnect the power supply to the industry M/s.Srinivasa Constructions is located at Sy.No.194,195/1 & 195/2, Gollapalli (V), Mylavaram (M), Kadapa District for operating without obtaining Consent for Operating and not installed air pollution control equipment.

A.P. Pollution Control Board vide ref.2nd cited, issued orders for temporary revocation of Closure Order for a period of one year (Copy enclosed).

In exercise of the power vested with A.P. Pollution Control Board, 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. Southern Power Distribution Company of A.P. Ltd., is requested to Temporarily Restore Power Supply to M/s.Srinivasa Constructions is located at Sy.No.194,195/1 & 195/2, Gollapalli (V), Mylavaram (M), Kadapa District.

This order is issued under Section 33 (A) of Water (Prevention & Control of Pollution) Amendment Act, 1988 and under Section 31 (A) of Air (Prevention & Control of Pollution) Amendment Act, 1987.

This Order comes into effect from today i.e., 10.01.2018.

Sd/-
MEMBER SECRETARY

To
The Superintending Engineer (Operations), APSPDCL, Kadapa, Kadapa District.

Copy to:
2. The Joint Chief Environmental Engineer, A.P. Pollution Control Board, Zonal Office, Kurnool for information and necessary action.
3. The Environmental Engineer, A.P. Pollution Control Board, Regional Office, Tirupati for information and necessary action.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UFH-II
Memo No. 334/APPCB/UH-II/TF/TPT/2018-


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The Board has reviewed the status of pollution control measures taken by industry before External Advisory Committee (Task Force) Meeting held on 28.12.2017. The representatives of the industry attended the legal hearing and complainant attended the legal hearing. The committee noted that the Board received Complaint against industry made by Smt. Rukmini, N/O Rameswaram Road, on water pollution problems and health problems, received through “MEE Kosam” online application enrollment No. 341161787136. The committee also noted that the fabric dyeing unit is operating without obtaining CFE & CFO of the Board and not having any Effluent Treatment Plant (ETP) for treatment of the effluents generated from the colour dyeing activity. The Complainant has informed that they were facing severe water & air pollution problems and the above activity is causing health problems to the surrounding residents. The EE, RO, Tirupati informed that the industry is operating without obtaining CFE & CFO order of the Board and not provided any Effluent Treatment Plant (ETP).

After detailed review, the committee has recommended to inform the RO, Tirupati to immediately issue necessary directions to the industry to shift the industry from the existing premises to far away from habitation within one month.

Hence, the EE, RO, Tirupati is directed to issue necessary directions to the industry to shift the industry from the existing premises to far away from habitation within one month.

Encl. Copy of EAC (TF) Minutes.

Sd/-

MEMBER SECRETARY

To

The Environmental Engineer,
Regional Office,
A.P Pollution Control Board,
Tirupati.

Copy to:
The Joint Chief Environmental Engineer, Zonal Office, A.P. Pollution Control Board, Kurnool for information and necessary action.

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

JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II