

Model document -

Compliance Report for CTO Application,
(Red category)

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ZAKARIYA AGRO PVT LTD

SITE -GOGI POTHYA, NH57, SIMRAHA, FORBESGANJ ARARIA BIHAR

REF NO- _BSPCB/ZAKARIYA/2016/02R

DATE- 27.12.2016

Compliance report of CONSENT TO ESTABLISH (CTE) Approved order No.-P/T(NOC)- 3108/14 Dated- 10.03.2015 & Amendment letter No.:T-5735 Dated 5.6.2015 and Application No.304045

S.No.	Stipulated Consent to Establish Conditions	Compliance Status	Evidence/ Proof Attachment
I.	The proponent shall obtain 'Consent-to-Operate under section 25 & 26 of the Water Act, 1974 and Section 21 of the Air Act, 1981 prior to commissioning of the plant from this Board.	Consent to operate already submitted for obtaining of Consent-to-Operate for the Trial Production.	Application No-304045 OCMMS Login ID: 101304018 Date: 15/2/2016
II.	The effluent (domestic or trade) and emission, if any, shall conform to the standard as prescribed by the Board.	We will insure for achieving the norms of treated effluent & emission	ETP Supply bill & Layout of installed ETP is attached (Annexure-1)
III.	That, D.G. Set (s) shall be installed with integral acoustic enclosure fixed on pucca base with anti vibration pads, and exhaust height maintained as per norms of the Board. So that, it shall conform to the standard of the Board.	All DG Set covered with acoustic enclosures and proper stack height as per norms.	Photo graphs of DG Set is enclosed- Annexure-2
IV.	That, the type-I waste, like-vegetable matter as rumen, stomach and intestinal contents, dung, agriculture residue etc shall be treated in Bio meth nation process.	Instead, we have installed dung dewatering machine for drying of digested & undigested dung & dry material will be used in boiler as fuel	Photographs of dung dewatering machine is enclosed Annexure-3
V.	That, the type-II wastes as inedible offal, tissues, meat trimmings, waste and condemned meat, bones etc, shall be treated through rendering process	We have installed dry rendering for processing of fat and bone to produce tallow and poultry feed supplement (PFS)	Supply Bill & Dry Rendering plant installed, Photo graphs is enclosed Annexure-4
VI.	That, water conservation shall be practiced effectively because size of waste water treatment, system is directly related to the waste water flow and pollution load. For this effective washing system, use of high efficiency spray nozzles, etc shall be practiced.	Spray guns have been procured for carcass washing & floor washing to minimize waste water generation. Water flow meter has been installed to monitor water consumption and effluent generation.	Photo graphs is enclosed- Annexure-5
VII.	That, Reuse/recycle of process water from cleaner area to progressively dirtier area shall be ensured.	We will utilize our treated effluent within our industry premises for general floor wash, in green belt & Road cleaning	Photographs of green belt area is enclosed - Annexure-6
VIII.	That, Vacuum system for feather/ hair removal and dry cleanup operation shall be practiced to reduce water consumption.	feather/hair removal system is not required because hide will be sold directly as a by- product	Not applicable

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IX.	That, Segregation and collection of blood for by product recovery shall be practiced to reduce BOD load in wastewater.	Generated blood will be collected in a RCC Tank and will be treated through blood coagulator to produce blood meal as a by- product	Bill & Photographs of Blood coagulator is enclosed – Annexure- 7
X.	That, collection and separate disposal of stomach and intestine content shall be practiced	We have established Rendering plant to treat stomach and intestine. Wastes produced from this plant are the PFS.	Bill & Photo graphs is enclosed- Annexure-4
XI.	That, Dry offal handling shall be proceeded to reduce waste water Load.	Offals will be collected in dry condition and will be directly sold as by product.	Not applicable
XII	That, separation of hair, feathers and solids form eviscerating waste water shall be done at the place of generation.	feather/ hair removal system is not required because hide will be sold directly as a by- product. Any other waste will be used in boiler as fuel.	Not applicable
XIII.	That segregation and pre-treatment shall be done for the waste water from visceral and in test in washing activities.	We have installed rotary screen, floatation, coagulation and flocculation system before ETP for fat and protein recovery.	Lay out of installed ETP is attached(Annexure-1)
XIV.	That self clearing type screening system shall be provided at waste water streams to reduce of BOD & COD load and to avoid choking of sewer line.	Same as sl. No-XIII. Blood will be collected separately and blood meal will be produced.	Screen system installed at ETP
XV.	That, they shall establish arrangement for by product recovery form Blood, Rumen digests. Rending (Fat removal) Protein recovery etc.	We have installed Blood coagulator & dry rendering plant for protein recovery	Bill & Photographs is enclosed – Annexure- 7
XVI.	That, complete waste water treatment system such as screening, Sedimentation digestion/oxidation plant flowed by clarifier shall be established to meet the standard of waste water disposal on land.	We have installed ETP with three stage treatment systems, namely Primary, Secondary and Tertiary treatment. It will be operated in Scientific manner by trained qualified staffs. Quality of treated effluent will be as per the norms of discharge on land for irrigation. Though this will be a Zero Liquid discharge unit from outside.	Layout, Supply Bill & Photographs of installed ETP is attached (Annexure-1)

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XVII.	That, housekeeping shall be maintain properly so that then shall not be any nuisance.	We have made a separate department for better housekeeping of the all section. It will help in maintaining good hygiene for the product also.	All arrangement for better housekeeping are ensure.
XVIII.	That, the emission form the stack attached to boiler (6TPH) shall exit at a minimum height of 30 meter above the ground level. The stack shall be fitted the suitable porthole and platform of collection of flue gas sample.	Boiler Stack height is 30Mtr. as per standards. Stack has been attached with multi cyclone type Dust Collector. Emission of particulate matter from the stack shall be less than 250mg/Nm ³ .	Bill & Photographs of stack and APCS is enclosed- Annexure-8
XIX.	That, they shall obtain statutory licenses from the competent authority.	Statutory licenses have been obtained.	All licenses obtaining from the competent authority.
XX.	That, the tree plantation shall be done and maintain.	Industry has used 33% area for green belt.	Photographs of tree plantation/green belt is enclosed- Annexure-9

For **ZAKARIYA AGRO (P) LTD.**


(Authorised Signatory)