

M/s B. N. Industries, Daman was issued Consent to Establish (additional items) under Water Act to manufacture Aluminum alloy ingots and Aluminum shots – 1200 MTPA and under Air Act to operate Induction furnace – 1.5 Tons and 1.0 Tons, Oil fired furnace – 700 Kgs/Hr and D. G. Set – 125 KVA – 1 No. valid upto 31/12/2015. The activity falls under ORANGE category. The unit has submitted application for grant of consent to operate under Water Act and Air Act along with details as mention below:-

- Application in FORM XIII for grant of consent under Water Act.
- Application in FORM I for grant of consent under Air Act.
- Affidavit showing capital investment.
- Consent fees Rs. 6,000/- under Water Act and Air Act.
- Application for authorization to handle hazardous waste and industry data sheet.
- Details regarding display of sign board.

The unit was inspected on 01/04/2015 in presence of Mr. Arjun Sen and following observations were made:-

- The unit was in operation at the time of inspection.
- The unit is engaged in manufacturing of brass/zinc/copper ingots and zinc oxides.
- The unit has installed induction furnace of capacity 1.5 Tons and 1 Tons – 1 No each for manufacturing of zinc ingots, brass ingots and copper ingots. For zinc oxides section unit has installed oil fired furnace of capacity 700 Kgs/Hr – 06 Nos.
- No additional furnace has been installed. The unit person informed that the additional products are manufactured with existing induction furnace only.
- Manufacturing process involves as raw material (aluminum ingots) – heating/melting in induction furnace at 500°C to 600°C – pouring in moulds/die to form shots/granules.
- The unit has provided APCDs such as hood, blower of 20 HP capacity, bag house – 101 Nos. and stack with monitoring facility.
- Flue gas dust and other particulate generated will be given to GEPIL, Mota Randha, DNH.
- The unit has installed separate energy meter to APCDs and meter reading noted was 38284.8.
- Unit has displayed sign board at the main gate of the factory.

In view of above if approved consent to operate under Water Act and Air Act for additional items to manufacture Aluminum alloy ingots and Aluminum shots – 1200 MTPA (with existing induction furnace only) with below conditions is placed in file for approval, pl.

- The unit shall not install any additional furnace without obtaining permission from PCC.
- The unit shall operate APCDs efficiently so that the emission from the stack shall meet PCC norms.
- Hazardous waste generated shall be disposed to registered re-refiner/recycler or to TSDF only.
- D. G. Set is permitted as stand by arrangement only and not as captive power generation unit.

Member Secretary

The report for CTO as above may  
 be approved.  
 29/4/2015

D. P. Laxmi  
 21/4/15

27/4/2015