

Department of Industries and Commerce, Punjab

Composite Application Form

**APPLICATION FOR COMPETENT STATE AUTHORITY-CUM-SITE APPRAISAL
COMMITTEE, OFFICE OF PUNJAB POLLUTION CONTROL BOARD FOR GRANT OF
ENVIRONMENTAL CLEARANCE FROM CSA AND APPROVAL OF SITE FROM SAC**

(JSK Aluminium Private Ltd)

For Office use only

Code Number	
Date of Receipt	
CSA Approval No. & Date	
SAC Approval No. & Date	

- I. POWER LOAD REQUIREMENTS : 1000 KW HP
- II.
1. Number of persons to be served : 50
 2. Water supply, sources & daily consumption m³/day : Own Tubewell Connection
 3. Sewerage collection system : Sewer
 4. Sewerage treatment : Separate
- III. WATER REQUIREMENT
1. Source of water supply : Own Tubewell Connection
 2. Average daily consumption of water for:- : Quantity [in m³/day]
 - (i) Process : 8.000
 - (ii) Washings : 0.500
 - (iii) Cooling : 2.500
 - (iv) Sanitary purpose : 0.500
 - (v) Others : 0.500

Total 12 (m³ / day)

IV. WASTE WATER DISCHARGE

1. Waste water discharge : Quantity (m³ / day)
 - (i) Process : 0.000
 - (ii) Washings : 0.500
 - (iii) Cooling : 0.000
 - (iv) Sanitary (Sewage from toilets / sludge from hand washing etc.). : 0.500
 - (v) Other : 0.500

Total 1.5 (m³ / day)

2. Does industry proposed to re-circulate any or all the above waste streams. Yes
3. If yes,
 - (i) Quantity to be re-circulated cooling purposes : 10.500
 - (ii) Quantity to be re-circulated trade effluent : 1.000
4. (i) Whether effluents need any treatment : No
 - (ii) If yes, whether conventional or special (if special, give details) :

5. Point of final discharge (incase of water body give name , if for irrigation on land , give area in Hectare) Inland Surface Water

V WASTE WATER CHARACTERISTICS (IF AVAILABLE)

1. Indicate characteristics of Waste water to be discharged :
- (i) Temperature : Normal
 - (ii) pH : N/A
 - (iii) Colour : Light Green
 - (iv) Total suspended solids,mg/lit : <100 PPM
 - (v) Total dissolved solids, mg/lt : <2100 PPM
 - (vi) BOD, mg/lit : <30 PPM
 - (vii) COD, mg/lit : <250 PPM
 - (viii) Heavy Metals (Ni, Cr, Hg etc.) : Nil
 - (ix) Cyanide mg/lit : Nil
 - (x) Others : Nil
2. Other special toxic substance is discharged ? Please specify nature and concentration (inorganics, organics including pesticides and organo chloro-compounds, phenols, lignin, mercaptans, heavy metals and radioactive substance). : Nil

VI SOLID WASTES

1. Total quantity of solid wastes in tonnes per day along with its characteristics : N/A
2. Method proposed for disposal including treatment plant sludge (Landfill / Dumping / Composting / Incinerator) : N/A

VII SOURCES OF AIR POLLUTION

	Source of Energy	Make/Type of Equipment	Type & quantity of fuel to be used	Capacity
(i)	Boiler	Nil	Nil	Nil
(ii)	Furnace	Make micro Furnaces oil Fired F/C	F.O. 45: /Hr.	4.5 Ton Al. Melting
(iii)	DG Set	Caterpillar F3B1	Diesel 25L /Hr.	320 KVA
(iv)	Others	N/A	N/A	N/A

- VIII Whether fluidized bed furnace or not : No

IX ATMOSPHERIC EMISSIONS (IF APPLICABLE)

1. Emissions from fuel burning (if available).
- (i) Fuel gas quantity m³/hr : 0.000
 - (ii) Particulate matter mg/Nm³ : 0.000
 - iii) Stack details
 - (a) Material of construction : M.S
 - (b) Internal diameter :
 - 1. Top : 8mm M.S. Plate
 - 2. Bottom : 12mm M.S. Plate
 - (c) Ht. from ground level (m) of building : 0.300

2	Emission from process (if available) in Nm ³ /hr	Within Work environment	Outside Work environment
	Expected emissions quantity	:	
	(a)Composition of emissions	:	
	(i) Particulates (Nature and quantity)	: N/A	N/A
	(ii) Gases	: N/A	N/A
	(iii) Sulphur Dioxide	: N/A	N/A
	(iv) Nitrogen Dioxide	: N/A	N/A
	(v) Carbon Monoxide	: N/A	N/A
	(vi) Ammonia	: N/A	N/A
	(vii) Acid Mist.	: N/A	N/A
	(viii) Flourine	: N/A	N/A
	(ix) Chlorine	: N/A	N/A
	(x) Halogens	: N/A	N/A
	(xi) Hydrocarbons	: N/A	N/A
	(xii) Mercaptans	: N/A	N/A
	(xiii) Other specify	: N/A	N/A
	(c) Stacks Details	:	
	(i) Material of construction	: M.S	(m)
	(ii) Height from GL	: 0.300	(m)
	Height from the top of the building	: 0.000	(m)
	(give details of stacks for each process emission)		
3.	Average, minimum and maximum of Temperature	: N/A	
	Humidity	: N/A	
	Wind velocities during the previous 10 years	: N/A	
4.	Seasonal variation of the wind directions alongwith wind rose	: N/A	
5.	Highest water level reached during the floods in the area recorded so far	: N/A	
6.	Lightening and scismic data of the area	: N/A	
X	Whether Air Pollution Control System required to be installed ? If yes, give details.	:	

XI HAZARDOUS WASTES AND CHEMICALS

1.	Hazardous Wastes [as defined in Hazardous Wastes (Management & Handling) Rules, 1989]		
	(a) (i) Category of Hazardous Wastes	: N/A	
	(ii) Quantum of hazardous Wastes generated in each category	: N/A	
	(b) Method of disposal/treatment	: N/A	
	(c) Mode of storage in the plant with storage capacity	: N/A	
2.	Hazardous chemicals (as defined in the manufacture, storage and import of hazardous rules, 1989)	:	
	(a) Name of chemicals used and their quantity	: N/A	

- (b) Whether any isolated storage outside factory premises is involved, if yes, give details : N/A
- (c) Whether emergency plans have been proposed for taking :
 (i) On site measures : N/A
 (ii) Off site measures : N/A
 (iii) Proposed arrangements, if any, for mutual aid scheme with the group of neighbouring factories. : N/A
3. Main and intermediate storage proposed for raw materials /intermediates / products / by products (maximum quantities to be stored at any time) : N/A
4. Transportation method to be used for materials inflow and outflow, their quantities to be stored at any time : N/A
5. Safety measure proposed for :
 - handling of materials : N/A
 - internal & external transportation : N/A
 - disposal (packing and forwarding of finished products) : N/A

XII ESTIMATED COST OF POLLUTION CONTROL

1. Total project cost : 0.000
2. Expenditure proposed for :
 (a) Water Pollution Control : 0.000
 (b) Air Pollution Control : 0.000
 (c) Disposal arrangements : 0.000
 (d) Solid Waste handling/treatment : 0.000
 (e) Expenditure proposed for Pollution monitoring : 0.000
3. Total Capital Investment proposed on Pollution Control as a %age of total investment of the industry. : 0.000

* Existing equipments & systems will be utilized.

- XIII Any other additional information likely to have beneficial or adverse environmental affect. : N/A

Place:	<u>Kuranwala</u>	Signature	_____
Date:	<u>15-Dec-2009</u>	Name	<u>Ramesh Chhabra</u>
		Designation	<u>Director</u>
		Address	<u>Barwala Road, Village Kuranwala, Dera Bassi, Distt. Mohali, Punjab</u>

Enclosures :-

i	Site plan with clear identifications of boundaries and total area proposed to be occupied and showing details nearby the proposed site.	Yes
ii	Location Plan (indicating Plot Number, Khasra Number) and main highways and other references.	Yes
iii	List of Directors/Partners	Yes
iv	Copy of letter of Intent / Licence DGTD Registration Certificate / Entrepreneur Memorandum / Any other.	Yes
	Licence DGTD Registration Certificate	Yes

	Entrepreneur Memorandum	Yes
v	Manufacturing process details alongwith flow sheet and material / energy balance statement.	Yes
vi	Project report	Yes
vii	Copy of feasibility report on the pollution control systems for control of Water/Air Pollution/Solid waste.	Yes
viii	Copy of certificate from concerned authority the proposed site is located in FEZ/Industrial Area/Focal Point decimated by Town and Country Planning Department/Outside Lal Lahir.	Yes
ix	Copy of Partnership Deed.	No
	Article of Association of Memorandum	No
x	Process Hazards Information :-	
	(a) Copy of the report on environmental impact assessment.	Yes
	(b) Copy of risk assessment study.	Yes
	(c) Published (open or classified) reports, if any, on accident situations/ occupational health hazards of similar plants (within or outside the country)	No
	(d) Details of fire fighting facilities and minimum quantity of water, carbon-di-oxide and other fire fighting measures needed to meet the emergencies.	Yes
	(e) Details of in-house medical facilities proposed.	Yes