

F. No. J-11011/271/2009- IA II (I)
Government of India
Ministry of Environment and Forests
(I.A. Division)

Paryavaran Bhawan
CGO Complex, Lodhi Road
New Delhi – 110 003
E-mail: ms.industry-mef@nic.in
Tele/fax: 011 – 2436 3973
Dated: September 30th, 2010

To,

The Director,
M/s. Rajdhani Casting Pvt. Ltd.
Amlah Road, Mandi Gobind Garh,
District Fatehgarh Sahib, Punjab.

E-mail: 2006anilkumar@gmail.com

Sub: Setting up of Induction Furnace (MS ingots - 224 MTPD) and Rolling mill (TMT bars - 200 MTPD) at Village Kumbra, Tehsil Amlah Road, Mandi Gobindgarh, District Fatehgarh Sahib, Punjab by M/s. Rajdhani Castings Pvt. Limited Reg. Environmental Clearance

Sir,

This has reference to your letter no. RCPL/2010/1108 dated 26th April, 2010 along with copies of final EIA / EMP and public hearing reports seeking environment clearance under the provisions of EIA Notification, 2006.

2. The Ministry of Environment and Forests has examined the proposal. It is noted that M/s Rajdhani castings Pvt. Ltd. have proposed for setting up of Induction Furnace (MS ingots - 224 MTPD) and Rolling mill (TMT bars - 200 MTPD) at Village Kumbra, Tehsil Amlah Road, Mandi Gobindgarh, District Fatehgarh Sahib in Punjab. The total land acquired for the project is 2.4 ha. No eco sensitive areas are located within 10 km radius of the plant. The air pollution control equipment will include collection hood ducting, centrifugal spray scrubber, mist eliminator followed by stack to control the PM below 150 mg/Nm³. The emission from gassifier will be provided with gravity separator and cyclonic separator to remove the particulate matter. There will be negligible emissions from materials handling including storage or transport in the industry. The total cost of the project will be Rs. 16.37 Crores.

3. The total water requirement for the proposed plant will be 66 KLD. The total wastewater generated (8.5 KLD), after treatment through septic tanks will be used on land for irrigation purpose. Slag (2.5 MT/day) from induction furnace and end cuttings & scale loss (1 MT/day) from rolling mill will be reused in downstream industry. The hazardous waste used/ spent lubricant and transformer oil (1000 lit/year) will be sold to authorized recyclers. The total power requirement for the proposed plant will be 10 MW, which will be sourced from Punjab State Electricity Board.

4. All the Induction Furnaces & Rolling Mills are listed at S. No. 3(a) under Secondary Metallurgical Industries in Category 'B' of Schedule of the EIA notification 2006 and should be appraised at SEIAA level but due to the location of project within 10 km of the Mandi-Gobindgarh which is a critically polluted area, as per general condition of EIA Notification, 2006, the proposal has been appraised by the Expert Appraisal Committee-1 (Industry) at central level.

5. The proposal was considered by the Expert Appraisal Committee-1 (industry) in its meeting held during 26th -28th August, 2010. The Committee recommended the proposal for environmental clearance subject to stipulation of specific conditions along with other environmental conditions. Public hearing of the project was held on 15th January, 2010.

6. Based on the information submitted by you, presentation made by you and consultant, M/s Ace Engineers and Consultants, Patiala, the Ministry of Environment and Forests hereby accords environmental clearance to the above project under the provisions of EIA Notification dated 14th September 2006 subject to strict compliance of the following Specific and General conditions:

A. - SPECIFIC CONDITIONS :

- i. The company shall install wet scrubber and bag filters etc. to control the particulate emissions below 50 mg/Nm³.
- ii. The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 should be followed.
- iii. Gaseous emission levels including secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry vide G.S.R. 414(E) dated 30th May, 2008 and regularly monitored. Guidelines / Code of Practice issued by the CPCB should be followed.
- iv. Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.
- v. The total water requirement shall not exceed 66 KLD. Permission from the State Irrigation Department / Central Ground Water Board for drawl of water shall be obtained as may be applicable in this case.
- vi. Risk and Disaster Management Plan along with the mitigation measures shall be prepared and a copy submitted to the Ministry's Regional Office at Chandigarh, PPCB and CPCB within 3 months of issue of environment clearance letter.
- vii. As proposed, green belt shall be developed in 33 % of the plant area. Selection of plant species shall be as per the CPCB guidelines in consultation with the DFO.
- viii. All the commitments made to the public during the Public Hearing / Public Consultation meeting held on 15th January, 2010 should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office at Chandigarh.
- ix. At least 5 % of the total cost of the project shall be earmarked towards the corporate social responsibility and item-wise details along with time bound action plan should be prepared and submitted to the Ministry's Regional Office at Chandigarh. Implementation of such program should be ensured accordingly in a time bound manner.
- x. The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile

STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

B. GENERAL CONDITIONS:

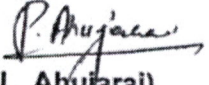
- i. The project authorities must strictly adhere to the stipulations made by the Punjab State Pollution Control Board and the State Government.
- ii. No further expansion or modifications in the unit shall be carried out without prior approval of the Ministry of Environment and Forests.
- iii. The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The State Pollution Control Board may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.
- iv. At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM₁₀, SO₂ and NO_x are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chandigarh and the SPCB/CPCB once in six months.
- v. Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
- vi. The overall noise levels in and around the cement grinding unit area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime).
- vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- viii. The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.
- ix. The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.
- x. Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forests as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the

Ministry at Chandigarh. The funds so provided shall not be diverted for any other purpose.

- xi. A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
 - xii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Chandigarh. The respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely; PM10, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
 - xiii. The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Chandigarh/ CPCB / SPCB shall monitor the stipulated conditions.
 - xiv. The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company alongwith the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Chandigarh by e-mail.
 - xv. The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in>. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chandigarh.
 - xvi. Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
7. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
8. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.

9. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred within a period of 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

10. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and the Public (Insurance) Liability Act, 1991 along with their amendments and rules.


(Dr. P.L. Ahujara)
Scientist -F

Copy to:

1. The Secretary, Department of Environment, Government of Punjab, Secretariat, Chandigarh.
2. The Chairman, Central Pollution Control Board, Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. Chairman, Punjab Pollution Control Board, Vatavaran Bhavan, Nabha Road, Patiala-147001.
4. Conservator of Forests, Regional Office (NZ), Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh 160 047
5. Monitoring Cell, Ministry of Environment & Forests, New Delhi.
6. Guard file.
7. Record file.


(Dr. P.L. Ahujara)
Scientist 'F'

F. No. J-11011/271/2009- IA.II
Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

Indira Paryavaran Bhawan
Jor Bagh Road, Aliganj,
New Delhi - 110003
E-mail: sharath.kr@gov.in
Tel: 011-24695319

Dated: 20th October 2017

To,

**Shri Anil Garg, Director,
M/s Rajdhani Castings Private Limited,
Amloh Road, Mandi Gobindgarh,
District – Fatehgarh Sahib, Punjab.
e-mail: 2006anilkumar@gmail.com**

Subject: Setting up of induction furnace (MS Ingots 224 TPD) and Rolling Mill (TMT Bars 200 TPD) at Village Kumbra, Tehsil Amloh, Mandi Gobindgarh, District – Fatehgarh Sahib, Punjab by M/s Rajdhani Castings Private Limited - Extension of validity of Environmental Clearance regarding.

Sir,

This has reference to your online application vide proposal no. **IA/PB/IND/3867/2010** dated **7th August 2017** seeking extension of validity of Environmental Clearance granted on 30th September 2010 vide even letter number.

2.0 It was informed that Rajdhani Castings Pvt. Ltd. have already purchased the land measuring 2.37 Ha in an approved Industrial Area of Mandi Gobindgarh. Earth filling of the land has been done and partial boundary wall of the land has been done.

3.0 The reasons reported for delay in implementation of the project inter alia include:

- i. Induction Furnace Industry is a power intensive industry. Around 600 KW of power is required for 1 MT melting of MS scrap. In the past, at the time of grant of EC to the project, there was scarcity of electrical power in Punjab. Punjab became power surplus state in the Year 2015-16 after the completion of 1400 MW and 2100 MW new Supercritical Thermal Power Plants at Bathinda and Rajpura.
- ii. After becoming power surplus state, the cost of electrical power in Punjab was very high (Rs. 7.50 per KW) as compared to some other states. Due to high rate of electrical power, the conversion cost of MS scrap to MS ingot was high and the project was commercially not viable. Now, the State Govt. has promised to supply Industrial Power @ Rs. 5.00 per KW. With the reduction in the power cost, the project will now become commercially viable.

- iii. In the past, due to multiple taxation, the industry had to bear CST @ 2 % and entry tax in some states. Due to this, the industries from Punjab were not competitive for the export of MS ingot/MS rolled products to other states. Now, due to GST, the rates are competitive throughout India and industries from Punjab can export the MS ingot/MS rolled products to other states

4.0 Schedule of completion of balance works is reported as below:

Sl. No	Activity	Tentative Schedule
1	Grant in the extension in the validity of EC	30 th October, 2017
	Finalisation of the layout plan of the factory	31 st December, 2017
3	Civil Works for Induction Furnace Section	30 th June, 2018
4	Industrial Sheds for the Induction Furnace Section	30 th September, 2018
5	Installation of Induction Furnaces and other allied equipments	31 st March, 2019
6	Trial run of the Induction Furnace Plant	April, 2019
7	Civil Works for Rolling Mills Section	30 th September, 2019
8	Industrial Sheds for the Rolling Mills Section	31 st December, 2020
9	Installation of Rolling Mills and other allied equipments	30 th June, 2020
10	Trial run of the Rolling Mills	July, 2020
11	Commercial operation of Induction Furnaces and Rolling Mills	1 st August, 2020


5.0 The proposal was considered in the 22nd Expert Appraisal Committee [EAC (Industry-I)] held during 11th – 13th September 2017. The project proponent made presentation. During the presentation, the project proponent has submitted revised schedule of completion of the project. The revised schedule is as follows:

Sl. No	Activity	Tentative Schedule*
1	Grant in the extension in the validity of EC	30 th October, 2017
	Finalization of the layout plan of the factory and Financials	31 st December, 2017
3	Civil Works for Induction Furnace Section	30 th June, 2018
4	Industrial Sheds for the Induction Furnace Section	30 th September, 2018
5	Installation of Induction Furnaces and other allied equipment	31 st March, 2019
6	Trial run of the Induction Furnace Plant	May, 2019

6.0 After detailed deliberations the committee recommended for extension of validity of EC for further period of 18 months as agreed by the project proponent.

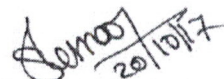
7.0 The Ministry of Environment, Forest and Climate Change has examined the proposal based on the recommendations of the Expert Appraisal Committee (Industry-I) and hereby decided to grant extension of validity of environment clearance for further period of three years i.e. up to 29th March 2019 subject to following conditions:

- i. Project Proponent shall strictly adhere to time schedule submitted to the Ministry in this regard.
 - ii. All other terms and conditions mentioned in the Environment Clearance vide F. No J-11011/271/2009 – 1A.II (I) dated 30th September 2010 will remain same.
- 8.0 The PP shall obtain fresh environmental clearance in case of change in scope of the project if any.
- 9.0 This issues with the approval of competent authority

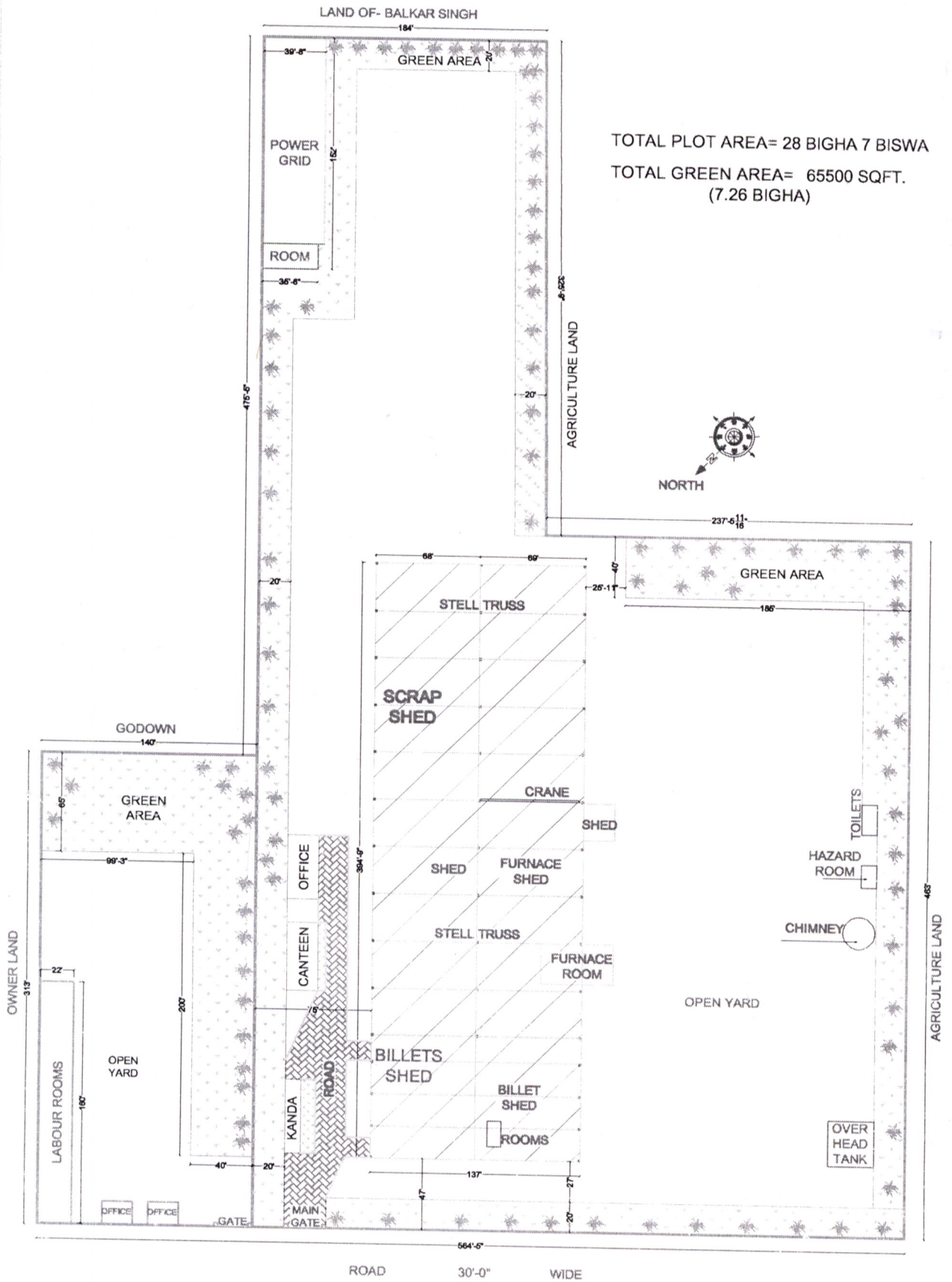

(Sharath Kumar Pallerla)
Scientist 'F' / Director

Copy to:-

- 1). **The Secretary, Science, Technology and Environment Department**, Government of Punjab, Punjab Civil Secretariat, Chandigarh.
- 2). **The Conservator of Forests (C), Ministry of Environment & Forests**, Regional Office (NZ), Bays No. 24-25, Sector 31-A, Dakshin Marg, Chandigarh-160 030.
- 3). **The Chief Wildlife Warden, Govt. of Punjab**, Tower No. 2, IInd Floor, Forest Complex Sec-68, Mohali-160068.
- 4). **The Chairman, Central Pollution Control Board**, Parivesh Bhavan, CBD-cum-Office complex, East Arjun Nagar, New Delhi-1100032.
- 5). **The Member Secretary**, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
- 6). **The Chairman, Punjab Pollution Control Board**, Vata Varan Bhawan, Nabha Road, Patiala, Punjab-147 001.
- 7). **The District Collector, Mandi Gobindgarh District**, Punjab.
- 8). **Guard File//Record File/Monitoring File**
- 9). MoEF&CC website.


(Sharath Kumar Pallerla)
Scientist 'F'/Director

LAY OUT MOVEMENT AREA OF FACTORY M/S RAJDHANI CASTINGS PVT.LTD . AT VILLAGE KUMBRA, TEH AMLOH. MANDI GOBINDGARH, DISTT. FATEHGARH SAHIB, (PB.)



TOTAL PLOT AREA= 28 BIGHA 7 BISWA
 TOTAL GREEN AREA= 65500 SQFT.
 (7.26 BIGHA)



LAYOUT PLAN

KALA KUMI ASSOCIATES
 MAHAWAK TRUST ROAD
 BHABTI NAGAR, M.G.G.
 Moh - 52676-33000
 E-mail - aa.rajasthan@gmail.com

