Rajahmundry Refractory Cluster

1	Name of the Cluster	Rajahmundry Refractory
2	Place	Rajahmundry
3	District	East Godavari
4	State	Andhra Pradesh
5	No of firms (by type)	83 refractory manufacturing units of small and medium capacities in the cluster: 50 are in East Godavari and 33 in West Godavari.
6	No. of workers	800
7	Turnover	Rs. 500 Million
8	Associations in cluster	1. The Ceramic Manufacturers Welfare Association, Rajahmundry
9	Major products	1. 73,542 tonnes of fireclay bricks 2. 4715 tonnes of ceramic products 3. The units manufacture solid/ hollow bricks, acid rain bricks, ceramic jars, and other products which are widely used in many applications like steel and other metallurgical industries, furnaces
10	Specific and relevant technical institutions (R&D, Testing Lab accredited)	1. Singareni Collieries Company Limited (SCCL) 2. APITCO 3. TERI
11	Major markets	Within country – Tamilnadu, Karnataka, Orissa and West Bengal Export – No visible exports observed
12	Major problems/prospects	**Problems:** • **Lack of awareness on proper energy conservation methods** • Limited adoption of waste heat recovery systems • Need to upgrade from DD Kilns to tunnel kilns • Replacement of conventional coal fired systems in Jar making units • Lack of any testing facilities • High pollution levels leading to threat of closure of units • Obsolete moulding technologies • Limited emphasis of export marketing
13	Data source and updated on	Based on report submitted by APITCO for Sameeksha News Letter of TERI