



## **Aathi Vinayaga Refractories & Aathivinaga Refractory Consultancy**

**GST No: 33AUAPK4884GIZN / 33ABYPE2073Q1Z2**

**Refractory** – Design, Engineering, Supply Installation, Dry out. **Insulation Services** – Hot, Cold, and Acoustic. **Fireproofing Services** (Cementitious and Intumescant) – Passive, Active, and Jet Fireproofing. **Industrial Sandblasting and Painting, Industrial Scaffolding.**

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### **INTRODUCTION LETTER**

Aathivinayaga Refractories & Aathi Vinayaga Refractory Consultancy takes this opportunity to introduce ourselves as a Refractory Products Supply and Contracting Companies. We have an **ISO 9001-2008** Certified Company operating in various specialist activities, headquartered in **65/21 Anna Complex, Vellore main Road, Arcot, Ranipet District, Tamil Nadu, India.**

**Factory Address** :189/5.Periyakandiyankuppam,Aaladi Road,  
Virudhachalam Taluk, Cuddalore District Tamil Nadu. Pin Code: 606001  
**Tel:** 0091-9566802585/+91 8667497262.  
**E-mail:**aathivinayaga@outlook.com &aathivinayaga2020@gmail.com

**AVR and AVRC** has a Joint venture companies for Refractory Products Supply and Installation for Ferrous and Non Ferrous Industries. AVR and AVRC has substantial resources and workforce more than 120 Work Force to handle the complexity, flexibility and speed which are common in modern day Manufacturing & contracting for executing the below activities and look forward to receive your **valued enquiries for the following services:**

- **Refractory- Design, Engineering, Supply, Installation and Thermal dry out.**
- **Insulation- Hot, Cold and Aquatics.**
- **Fire proofing – Passive, Active and Jet fire proofing.**
- **Industrial blasting and Painting.**
- **Industrial Scaffolding.**

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### **Manufacturing and Supplying the products as per below listed:**

#### **CASTABLES:**

- Fire Cast Super Equivalent to Firecrete Super
- Fire Cast Normal Equivalent to Firecrete Normal
- Fire Cast A,K,C Equivalent to White heat A ,K,C
- Low Cement Castable – 45% to 90%
- High Abrasion & Alkali Resistance Castable.
- High Anti Coating Castable for Cement plant Burner Pipe & Kiln Tip Casting.
- Bubble Alumina Castable
- Ultra low Cement Castable
- No Cement Castable
- Self Flow Castable
- Insulating Castable 11,13,15
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#### **RAMMING MASS/GUNNING MASS:**

- Silica Ramming Mass
- High Alumina Ramming Mass
- Magnesia Ramming Mass
- All types Hot & Cold Gunning Mass

#### **REFRACTORY BRICKS:**

- Alumina IS6 and IS8 Bricks.
- High Alumina bricks 60% to 90%.
- Acid resistance Tile and Jointing Compound.
- Insulation Bricks – Insulite23, 26 to 32.
- Precast and Prefired Fired shapes.

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### **Mortar & Mixtures.**

- AVR High Alumina Mortar 30% to 90%
- Ladle Covering Compound.
- Tundish Covering Compound.
- Well Mix for Steel Ladle.
- Steel Plant Mixtures.

### **Raw Material Supply**

- Exfoliated Vermiculite ( Grade 1 to 5)
- Bed Material for Boilers.
- Insulation grog.

### **REFRACTORY –PROJECT MANAGEMENT DIVISION.**

We have a well equipped and trained work force and highly qualified / Experienced Project Managers, Project Engineers / Supervisors, QA/QC Engineers, Safety Officers available for executing the projects and Shutdowns for various types of industry as per below listed.

- Steel Plants ( Integrated Steel Plants , Mini Steel Plants and Rolling Mills)
- Cement Plants ( Capacity 3000TPD to 10000TPD)
- Aluminum Industry ( Aluminum Smelter, Aluminum Cast House, (Melting and Holding Furnace) Anode Baking Furnace & Aluminum Calciner

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- **Petrochemical Industry ( Sulphur Recovery Unit , FCCU, Reactors and Combustion Chamber)**
  - **Glass Industry – Glass Melting and Holding Furnaces.**
  - **Boilers – Waste heat Recovery Boilers, CFBC Boilers and AFBC Boilers.**

### **INDUSTRIAL INSULATION DIVISION (Hot, Cold and Aquastic )**

- **THERMAL INSULATION WORKS** for Petrochemical/Cement/Steel/Aluminum Industry Pipelines, Vessel, Tanks, Ducts, & Boiler with Aluminum Cladding.
- **ACOUSTIC PLASTER SPRAY AND INSULATION WORKS** for Elevator Room, Generator Room, Cinema Hall, Auditorium and Drain Pipe Line.

### **COATING, SCREEDING AND SPRAY INSULATION WORKS:**

**AVRC** have an expertise in executing lump sum contracts for **New, Maintenance, Repair and Replacement** of following activities of works.

- 1) Epoxy and Polyurethane Floor Coating for Car Parking, Cold Storage Room, Halls and Store Room
- 2) Self Level Floor Screeding for Multipurpose Hall, Equipments Room and Terrace.
- 3) Spray Insulation and Thermal / Fire Barrier works for Soffit Slab.
- 4) Grouting Works

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### **FIREPROOFING FOR STRUCTURAL STEEL AND CONCRETE DIVISION:**

AVR/AVRC carried out the Fireproofing activity for Structural Steel and Concrete Structure to prevent the Human and valuables from Fire.

- Tall Steel Structure
- Commercial Steel Buildings.
- Industrial Steel Structure
- Tunnels.

### **SCAFFOLDING DIVISION**

AVR/AVRC has a **1000 M3** of Scaffolding Material with well trained scaffolder team available to execute the job.

### **MAN POWER DETAILS:**

AVR/AVRC have the most talented and experienced engineers and Technicians the exact number of our work force is given below for your reference.

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### **SITE MANAGEMENT TEAM:**

<b>Sl No</b>	<b>Designation</b>	<b>Qualification</b>	<b>Experience</b>	<b>Nos</b>	<b>Place</b>
1	Project Managers	B.Tech Ceramics, Diploma Ceramics, B.E Civil,	Minimum 15 to 20 Years in Refractory Installation at Site Management	3	Tamilnadu , West Bengal & Andhra Pradesh
2	Project Engineers	B.Tech Ceramics, Diploma Ceramics, B.E Civil,	Minimum 5 to 7 Years	3	Tamilnadu , West Bengal & Andhra Pradesh
3	Refractory Supervisor	Diploma in Ceramics, HSS	2 to 5 Years	6	Tamilnadu , West Bengal & Andhra Pradesh
4	QAQC Engineers API 936 Certified holder	Diploma in Ceramics with API 936	5 to 7 Years	3	Tamilnadu
5	Safety officer	Industrial Safety Course	3 to 5 Years	3	Tamilnadu , Kerala
6	Material Controller	B.com	3 to 5 Years	2	Tamilnadu

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### **REFRACTORY CREW TEAM**

<b>Sl.No</b>	<b>Designation</b>	<b>Qualification</b>	<b>Experience</b>	<b>Nos</b>	<b>Place</b>
1	Refractory Mason	8 <sup>th</sup> ,10 <sup>th</sup> ,12 <sup>th</sup>	10 TO 12 Years	32	U.P, Bihar, West Bengal
2	Refractory Carpenter	8 <sup>th</sup> ,10 <sup>th</sup> ,12 <sup>th</sup>	10 TO 12 Years	12	U.P, Bihar, West Bengal
3	Industrial Scaffolder	8 <sup>th</sup> ,10 <sup>th</sup> ,12 <sup>th</sup>	7 to 10 Years	12	Karnataka, & Tamilnadu
4	Industrial Welder	ITI, 8 <sup>th</sup> ,10 <sup>th</sup> ,12 <sup>th</sup>	5 to 7 Years	8	Karnataka & Tamilnadu
5	Refractory Gunner (Nozzle Man)	8 <sup>th</sup> ,10 <sup>th</sup> ,12 <sup>th</sup>	10 to 12 Years	6	Karnataka & West Bengal
6	Refractory Gunning Machine Operator	8 <sup>th</sup> ,10 <sup>th</sup> ,12 <sup>th</sup>	10 to 12 Years	6	Karnataka & Tamilnadu
	<b>TOTAL</b>			<b>108</b>	

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### **EQUIPMENT LIST**

<b>SL.NO</b>	<b>DESCRIPTION</b>	<b>CAPACITY</b>	<b>NOS</b>
1	Mixture Machine (Paddle Type)	200 Kg	2
2	Gunning Machine(Doublertucker)	1.2 Ton Per Hour	2
3	Brick Cutting Machine	300 mm Dia Blade	2
4	Needle Vibrator	50mm	4
5	Needle Vibrator	40mm	6
6	Needle Vibrator	25mm	2
7	Massionary Hand Tools	N/A	As Required
8	Electric Winch	1500 kg	1
9	Jack Hammer (Electrical)	22 kg	4
10	Jack Hammer (Electrical)	16 kg	6
11	Jack Hammer (Electrical)	9 kg	3
12	Pneumatic Jack Hammer	30 kg	2
13	Table Wood Cutting Saw	500 mm Blade Dia	1
14	HYSIL Board Cutting Saw	N/A	1
15	JIG Saw	N/A	4
16	Carpentry Hand Tools	N/A	As Required
17	Electrical Panels	N/A	As Required
18	Electrical cable	N/A	As Required
19	Pallet Hand Lifter	1.2 Ton Capacity	6

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We trust that our letter would be of interest to you. We now look forward to hear from you.

Yours truly,

Thanks and Regards,

**J.Elango.** Manager (Marketing & Projects)

**M/s Aathi Vinayaga Refractory Consultancy**

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