

INDUSTRIAL ENGINEERING • EQUIPMENT • SUPPORT

Company Profile

Engineering support for heavy process industry

Spares, equipment and technical support across air pollution control, cable management, bulk material handling and IT infrastructure — for plants in India and abroad, since 2018.



WHO WE ARE

We start from the equipment, not the catalogue.

Aeon Tech Solutions is a Kolkata-based engineering company that supplies specialised industrial equipment, spares and technical support to heavy process industry in India and internationally.

Most equipment in service was installed years ago, under specifications that have since changed. Plants need parts that fit — and someone who understands why the equipment behaves the way it does. We provide both: supply, plus the inspection, troubleshooting, optimisation and retrofit engineering around it.

2018

Established in Kolkata, India.

4

Engineering verticals under one point of accountability.

15

Countries supplied across Asia, Europe, Africa, the Americas and Australia.

OEM

Founders' field experience at FLÄKT, ABB, Alstom and ADOR.



ESP INSTALLATION IN SERVICE

MISSION

Help industry run cleaner and more reliably — by keeping the equipment it already owns performing to today's standards.

Four verticals. One point of accountability. 01

Deliberately narrow focus areas — because depth in a small number of equipment types is what makes the technical judgement useful.



01 — FLAGSHIP

ESP & Air Pollution Control

Spares, components, electrical systems, controls, retrofit, troubleshooting and consultancy for electrostatic precipitators already in service.

CEMENT • STEEL • POWER • PROCESS



02

Cable Management

Wire mesh cable trays and accessories in EZ, HDG, SS304, SS316 and epoxy finishes — faster to install, 70–80% lighter than conventional trays.

POWER • DATA CENTRE • INFRASTRUCTURE

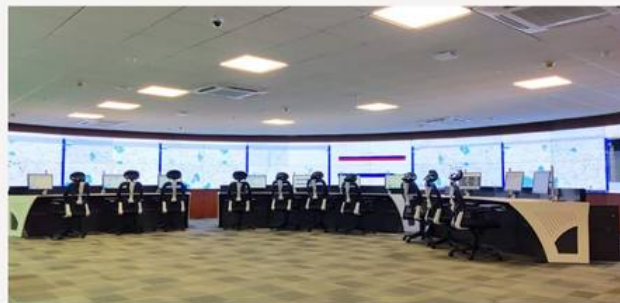


03

Bulk Material Handling

Complete lines from hopper to truck: feeding, conveying, automatic 25–50 kg bagging, stitching, palletisation and truck loading.

FERTILIZER • FEED • SUGAR • MINERALS



04

IT Infrastructure & Consulting

Independent advice on networks, data centres, security, surveillance and command & control centres — architecture drawn from the requirement.

SMART CITY • E-GOVERNANCE • ENTERPRISE

Flagship: ESP & Air Pollution Control

02

We support the ESP you already own — from a single replacement component against a drawing to a complete intervention: inspection, retrofit, optimisation and re-commissioning, handled by the same team.



COLLECTING ELECTRODES



HV TR SETS



ESP INTERNALS

Mechanical Spares

- Collecting electrodes
- Discharge electrodes & frames
- Rapping hammers, shafts, anvils
- Gas distribution components

Electricals & Controls

- 1-phase, 3-phase & HF TR sets
- ESP controllers & panels
- MIGI rapper coils & controls
- HV insulators & bushings

Engineering Services

- Inspection & condition records
- Performance assessment
- Troubleshooting & optimisation
- Shutdown & maintenance support

RETROFIT & UPGRADATION

Replacing an ESP is rarely the first answer. The limitation usually sits in the internals, the power supply or the control philosophy.

01

Control system retrofit

02

Power supply upgrade

03

Internals replacement

04

Rapping modernisation

Industries We Serve

03

Heavy process industry, where gas cleaning, cable routing and bulk material flow are operational constraints rather than line items.

01 Cement & Lime

Kiln, raw mill, cooler and coal mill ESPs

02 Steel & Iron

Sinter, blast furnace and sponge iron gas cleaning

03 Power Generation

Utility and captive boiler ESPs

04 Non-Ferrous Metals

Smelter, roaster and acid plant duties

05 Mining & Minerals

Dryers, calciners, conveying and bagging

06 Chemical & Process

Corrosive duties, valve bag filling, SS trays

07 Fertiliser, Sugar & Grain

Bulk handling and automatic bagging lines

08 Infrastructure & Public Sector

Data centres, command centres, smart city

How We Work

04

01

Understand

Drawings, nameplates, photos — or simply the symptom.

02

Define scope

Find what actually limits performance, not the visible part.

03

Supply & execute

Supply to the installed profile, with site supervision.

04

Stay available

Spares standardisation and support at the next shutdown.

OUR REACH

Supplied to plants in 15 countries from our base in Kolkata, since 2018.

India

Asia & Middle East

Europe & Russia

Africa

Americas

Australia

Why Aeon Tech Solutions

05

01

Veterans, not a trading house

Our founders come from field and engineering roles at global OEMs. Our work starts from the equipment — its profile, arrangement and operating conditions.

02

Depth over breadth

A small number of equipment types, known well — including their common failure modes.

03

One point of accountability

From assessment and supply through commissioning and ongoing support — one team, one contact.

04

Responsive spare support

Built for critical and shutdown-driven requirements, including replacements for discontinued profiles.

Send us the drawing, the nameplate or the symptom.

Specifications, old quotations, photographs or an RFP are all we need to start.
An engineer will come back to you.

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