



**IMPERIUM SYSTEMS**



# Project - Application Overview

IMAGINATION IN TO REALITY



# MCC PANELS

**IMPERIUM SYSTEMS**

- Application** – Water Treatment Plant  
**Customer** – Ion Exchange India Pvt Ltd (End User : **PT Gunung Raja Paksi Tbk, Indonesia**)  
**Panel Size** – 2100H X 6800W X 600D



**IMAGINATION IN TO REALITY**



# MCC PANELS

**IMPERIUM SYSTEMS**

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**Panel Size** – 2100H X 6800W X 600D



- **44 Nos. DOL starter including soft-stater in single Panel**
- **2 Nos. Incomer for 2 different Incoming Power source**



# MCC PANELS

**IMPERIUM SYSTEMS**

- Application** – Process Plant  
**Customer** – Department Of Atomic Energy  
(BARC - Trombay)  
**Panel Size** – 1800H X 800W X 400D



- Starter** – 5 Nos. DOL Starters  
– 6 Nos. Star Delta Starters



# MCC CUM PLC PANELS

**IMPERIUM SYSTEMS**

- Application** – Foundry Industry  
**Customer** – Global Exportech, Gujrat  
**Panel Size** – 2000H X 1200W X 500D



- PLC IO's** – 200 Nos.  
**HMI** – 5.7" Color Touch Screen  
**Starter** – 18 Nos. DOL Starters  
– 02 Nos. Star Delta Starters



# MCC CUM PLC PANELS

**IMPERIUM SYSTEMS**

- Application** – Water Treatment Plant  
**Customer** – Chembond Clean Water Technologies Ltd  
**Panel Size** – 650H X 650W X 250D



- PLC IO's** – 40 Nos.  
**HMI** – 5.7" Color Touch Screen  
**Starter** – 4 Nos. DOL Starters



# MCC CUM PLC PANELS

**IMPERIUM SYSTEMS**

- Application** – SPM for Train Bogie Lifter  
**Customer** – RENMAKCH India Pvt Ltd  
**Panel Size** – 1000H X 650W X 250D



- PLC IO's** – 40 Nos.  
**Starter** – 4 Nos. RDOL Starters



# MCC CUM PLC PANELS

**IMPERIUM SYSTEMS**

- Application** – Paint Mixer  
**Customer** – Tulsi Chemicals  
                    And Paints Pvt Ltd  
**Panel Size** – 1000H X 650W X 250D



- PLC IO's** – 40 Nos.  
**HMI** – 5.7" Color Touch Screen  
**Starter** – 2 Nos. VFD Starters





# PCC PANELS

**IMPERIUM SYSTEMS**

**Application** – Power Plant – NTPC, Gujrat  
**Customer** – Ion Exchange India Pvt Ltd  
**Panel Size** – 1600H X 1100W X 500D



**Incomer** – Including 15kva Lightning Transformer  
**Feeders** – 5 Nos. Outgoing Feeders



# VFD PANELS

**IMPERIUM SYSTEMS**

- Application** – Water Treatment Plant  
**End User** – Reliance, Bangladesh  
**Customer** – Ion Exchange India Pvt Ltd  
**Panel Size** – 750H X 650W X 350D



**Starter** – VFD with DOL Bypass Starter



# STARTER PANELS

**IMPERIUM SYSTEMS**

- Application** – Water Treatment Plant  
**End User** – ONGC, ASSAM  
**Customer** – Ion Exchange India Pvt Ltd  
**Panel Size** – 13 Nos. 600H X 600W X 250D, 2 Nos. 800H X 600W x 250D



➤ **15 Nos. Starter Panels**



# FLAME-PROOF PANELS

**IMPERIUM SYSTEMS**

- Application** – SPM – Oil Purification Plant  
**End User** – Indorama Eleme Petrochemicals Ltd, Nigeria  
**Customer** – Klengas Tech LLP  
**Panel Includes** – Panel MOC SS304 Die-Cast, PLC, HMI, VFD



- **2 Sets of Skids Designed, Developed and PLC – HMI – VFD Programming & Commissioning at Nigeria Site**



# POWER DISTRIBUTION PANELS

**IMPERIUM SYSTEMS**

- Application** – Process Industry  
**Customer** – Thermax Ltd.  
**Panel Size** – 1000H X 650W X 225D



**IMAGINATION IN TO REALITY**



Thank  
You



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