

Ampere

**Ampere Power &
Automation Tech. (P)
LTD**

QUALITY PLAN

Title: Quality Plan, for Manufacture of Relay and Control Panels

Doc. No.: QP/01

Issue: 03

Date: 01/01/2007

Rev. No: 01

Date: 01/01/2007

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I. Raw Material

Sl. No.	Item Operation	Characteristics Checked	Class	Type of Check	Quantum of Check	Reference Standard	Format of Record	Responsible	Remarks
1.	Steel Sheets	Visual Defects	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-02	QC In-charge	To segregate defectives
2.	Copper Flats	Visual Defects	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-02	QC In-charge	To segregate defectives
3.	Aluminum Flats/ Extrusions	Visual Defects	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-02	QC In-charge	To segregate defectives

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II In-process Inspection									
Sl. No.	Item Operation	Characteristics Checked	Class	Type of Check	Quantum of Check	Reference Standard	Format of Record	Responsible	Remarks
1.	Fabrication of Panels	Visual Defects	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-01 & Process Check Points in WI/01 Sec. 04	Factory Manager	Segregate Defective ones
2.	Painting of Panels	Visual Defects	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-01 & Process Check Points in WI/01 Sec. 04	Factory Manager	Segregate Defective ones
3.	Plating of Panels	Visual Defects	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-01 & Process Check Points in WI/01 Sec. 04	Factory Manager	Segregate Defective ones
4.	Process Check Points	Various checks	Major	Visual	100 %	WI/01 Sec. 04	R/PP-06-01 & Process Check Points in WI/01 Sec. 04	Factory Manager	Segregate Defective ones

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Sl. No.	Item Operation	Characteristics Checked	Class	Type of Check	Quantum of Check	Reference Standard	Format of Record	Responsible	Remarks
1.	Mechanical Inspection	Mechanical	Major	Mech	100 %	WI/01 Sec. 03	R/PP-06/04	QC In-charge	Only accepted Panels to be released
2.	Electrical Inspection	Electrical	Major	Elect	100 %	WI/01 Sec. 03	R/PP-06/04	QC In-charge	Only accepted Panels to be released
3.	Wiring Inspection	Visual	Major	Visual	100 %	WI/01 Sec. 03	R/PP-06/04	QC In-charge	Only accepted Panels to be released
4.	Performance Test	Electrical	Major	Elect	100 %	WI/01 Sec. 03	R/PP-06/04	QC In-charge	Only accepted Panels to be released
5.	Insulation Test	Electrical	Major	Elect	100 %	WI/01 Sec. 03	R/PP-06/04	QC In-charge	Only accepted Panels to be released

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6.	Final Dispatch Inspection	Visual	Major	Visual	100 %	WI/01 Sec. 03	R/PP-06/04	QC In-charge	Only accepted Panels to be released
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