ERL MAINTENANCE SUPPORT SDN BHD

(Company No. 498574-T)

E-MAS

Effective Railway Operations; Reliable System Maintenance

ROLLING STOCK DEPARTMENT

IN-HOUSE TECHNICAL INSTRUCTION

BASIC TROUBLESHOOTING GUIDELINE

R00.OMR.M92001.BT.0002.B

Rolling Stock Department

Release

Released:	Norazman	RST HOD	07.06.16	
Checked:	Mohamad	RST QEMR	07.06-16	
Author:	Salehhudin	RST Tech. Exec.	07/06/16	
	Name	**Dept./Position**	**Date**	**Signature**

Amendments or additions to this procedure must be indicated with a vertical black line in the adjacent left margin.

Change Record and Configuration Control

B	07-Jun-16	Updated to new RST Technical Instruction template & change the reference from DOCS to EDMS. All the main contents are remain unchanged	Salehhudin
A	30-Jan-08	New	Nor Azman
Revision	**Date**	**Modification**	**Name**

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Document Type	Reference	Date	Page No.	Document Name
RST In-house Technical Instruction	R00.OMR.M92001.BT.0002.B	07-Jun-16	3 of 4	Basic Troubleshooting Guideline

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1 Purpose

This technical instruction is to supersede the existing procedure, Basic Troubleshooting Guideline, [R00.OMR.M12990.BT.0015.A], in order to comply with the current company requirement. All contains of the previous procedure are remain unchanged.

This technical instruction is to establish a basic troubleshooting guideline to all RST personnel.

2 Scope, Distribution & Access

This document is applicable to all RST personnel. The distribution and access shall be available for all RST and could be viewed and retrieved via EDMS and RST Portal [http://express50/ E-MAS_Portal/RST.html]. The hardcopy of this procedure is available in RST foreman room for reference. The full access for editing this document is only granted to RST MGT.

3 Troubleshooting Guideline

The procedure of basic troubleshooting is created independently according to the sub-system. RST Troubleshooter and Supervisor shall use these procedures as a guideline for early stage train failure identification at Mainline or Main Workshop.

These procedures explain failure identification of the train sub-system service software via notebook. The list of the procedures provided is as follows:

No.	Document Descriptions	Reference No. [EDMS]
1	Auxiliary Compressor Unlock Procedure	R00.OMR.M91130.CZ.1001.*
2	Main Components Unlock Procedure	R00.OMR.M92131.CZ.1001.*
3	SIBAS KLIP Downloading Procedure	R00.OMR.M92131.CZ.1002.*
4	CCU & TCU Readout Procedure	R00.OMR.M92160.CZ.1001.*
5	Brake System Readout Procedure	R00.OMR.M91133.CZ.1001.*
6	Door System Readout Procedure	R00.OMR.M91058.CZ.1001.*
7	Air-conditioning Readout & Reset Procedure	R00.OMR.M92160.CZ.1002.*
8	Auxiliary Converter (APC) Readout Procedure	R00.OMR.M92111.CZ.1001.*

With these procedures as a guideline, two-way communication can be established between Troubleshooter and Supervisor for train failure identification especially at Mainline and troubleshooting downtime can be minimized.

Note: * Always refer to latest update version.