

ROCKWELL AUTOMATION AC MOTOR FAILURE REPORT # _____

(1) COMPANY INFORMATION

Specific Application Industry (Circle One)

Food Chemical Pumping Paper Steel Industrial Other

Name _____

Site _____

Specific Location where Failure occurred: _____

Date when Motor Failed: _____

Date when Report filed: _____

Area Manager Office & contact person _____

(2) DRIVE INFORMATION

Bulletin # of Drive: (Circle One)

AB 1336 Plus "S" 1336 Plus "T" 1305 1336 Classic 1333 1336 G 1352

REL SP1000 SP500 GV3000 GP2000 HR2000 SA500 SA3000

Drive manufacturer (If other than AB or REL)

ABB Mitsubishi Danfoss Yaskawa Other _____

Drive HP:

250 1/2 3/4 1 2 3 5 7.5 10 15 20 30 50 60 75 100 125 200
300 350 400 500 600 1000 1500 3000

Drive Voltage:

240 480 575 Other _____

Measured AC input, DC Bus Voltage & carrier frequency from HIM:

Vdc _____ Input AC voltage _____ Vrms _____ fc= _____ kHz

Typical Drive Output operating frequency (If known, from HIM)

<15 Hz <30Hz <40Hz <60Hz

(3) MOTOR INFORMATION (Circle One)

AB 1329 AB1329 HR Reliance _____ GE SEW Stromberg

Baldor Dayton Marathon ABB Siemens Other _____

Multi-motor Application

Rated Motor HP

250 1/2 3/4 1 2 3 5 7.5 10 15 20 30 50 60 75 100 125 200
300 350 400 500 600 1000 1500 3000

Rated Motor Voltage

240 480 575 Other _____

Inverter rated: Y/N _____ Rated speed: _____ RPM _____

Nameplate data, Mfg. series #: _____

Attached Differential Scope plot of Motor Voltage : Yes No

Was Reactor at Drive, Reactor at Motor or Terminator applied? Yes No

(4) DRIVE TO MOTOR CABLE INFORMATION

Conductor Size & Cable Length: AWG# _____ MCM _____ @ _____ ft.

Drive-Motor Interconnection Used: Conduit Cable Tray

Cable Construction connecting each drive. (Circle One)

3 wires in conduit 3W+G in conduit Other _____

3W + G Steel Armor 3W+G in Aluminum Armor

3W + G tray Cable 3W+G shield cable

Multiple unshielded drive wires in Conduit or tray

(5) TIME to FAILURE

Unknown _____ Estimated _____ Actual _____

(6) OTHER APPLICATION INFORMATION / unique events prior to failure.

