

References

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Abbreviations

OEMs	Original Equipment Manufacturers	β	Shape parameter
ER	Estimated risk of system	η	Scale parameter
TR	Tolerable Risk	RBI	Risk-Based Inspection
TAM	Turnaround Maintenance	F(t)	Unreliability Function
PL	Production Losses	R(t)	Reliability function
AD	Asset Damage	h(t)	Hazard rate
ED	Environment Damage	PoF	Probability of Failure
CWo	Scope of Work	CoF	Consequences of Failure
CSE	Critical Static Equipment	Rc	Risk Criteria
ECPL	Economic Consequences of Production Losses	ECEI	Economic Consequences of Environment Issues
ECOA	Economic Consequences of Operating Assets Damage		

Biography

Mr. A. Elwerfalli received his BSc degree in QC from the University of Garyounis - Libya, MSc degree in QA from the University of Teesside, United Kingdom in 2003. He earned a PhD in the Automotive Research Centre at University of Bradford. He worked as a head of engineers in Maintenance Engineering Division (MED) at Sirte Oil Company, Libya, since 1997. He has worked as a lecturer at College of Mechanical Engineering Technology at Libya since 2007. His research interests include optimization of maintenance scheduling for processing plants, TQM, QC, QA, reliability, risk.