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List of Abbreviations

Abbreviation	Full form
AI	Artificial Intelligence
ANN	Artificial Neural Network
BBF	Bearing and Bolt Fault
BLB	Bearing and Loose Bolt
BN	Bayesian Network
BT	Breakdown Time
CBM	Condition-Based Maintenance
CIL	Coal India limited
CF	Current Feedback
CP_0	Correct Prediction of 0
CP_1	Correct Prediction of 1
CPT	Conditional Probability Table
DC	Drum and Coupling
DCP	Drive Control Problem
HEC	Heavy Engineering Corporation Limited
HEMM	Heavy Earth Moving Machinery
EHMR	Engine Hourly Machine Rate
FMECA	Failure Mode Effect and Criticality Analysis
f	Frequency of Failure
FT	Fault Tree

Abbreviation	Full form
HMM	Hidden Markov Model
HP	Horse Power
IC	Improper Control
ICA	Independent Component Analysis
ICP ₀	Incorrect Prediction of 0
ICP ₁	Incorrect Prediction of 1
ID	Insulation Damage
IQR	Interquartile Range
LC	Loose Connection
LHD	Load, Haul, Dump
LL	Lubrication Level
MT	Million Ton
MG	Motor Generator
MTPA	Million Tons Per Annum
MLP	Multi-Layer Perceptron
NCL	Northern Coalfields Limited
OH	Overheating
OL	Overloading
PCA	Principal Component Analysis
P-F	Potential to Functional failure
RPN	Risk Priority Number
SBP	Starting and Breaking Problem

Abbreviation	Full form
SL	Supervised Learning
Sp	Sparking
SPSS	Statistical Package for the Social Sciences
SSL	Semi-Supervised Learning
SVM	Support Vector Machine
TF	Temperature Feedback
UC	Unidentified Cause
UF	Unidentified Fault
US	Unidentified Symptom
USL	Unsupervised Learning
VF	Voltage Feedback
VUS	Vibration and Unwanted Sound