FMEA worksheet

01 The analysis

Machine or system	Date	Team	Prepared by

02 Worksheet

ITEM AND FUNCTION	FAILURE MODE	EFFECT	S	CAUSE	O	CURRENT CONTROLS	D	RPN	ACTION, OWNER, DUE	NEW S	NEW O	NEW D	NEW RPN

Rate severity (S), occurrence (O) and detection (D) from 1 to 10. Detection runs backwards: 1 means today's checks are sure to catch it. RPN = S × O × D. Give each cause its own line. Act on every severity of 9 or 10 first, whatever its RPN, then work down the RPN list.