REASON FOR UPDATE: Owner of document changed & document review

ASSOCIATED DOCUMENTS:

	FAILURE MODE	DEFINITION
1	BACKRIND	Split line defect, Tearing of rubber on press open or demould / deflash. Backrind: ragged "U" or "V" -shaped recess adjacent to split line.
2	BAKE MARKS	Pressure marks, incorrectly stacked rings in bake house.
3	BLISTER	Entrapped air.
4	CHAMFER QUALITY	Chamfer irregular or narrow / wide chamfer
5	DELAMINATION	Separation of fabric plies or rubberised fabric to rubber interface.
6	DIMENSIONAL	Dimension outside tolerance.
7	DIRT IN MATERIAL	Contamination / foreign material embedded in the surface
8	FABRIC IN RUBBER	(Or rubber in fabric) Incorrectly positioned material in mould.
9	FLASH SIZE (THICK)	Flash is too deep for a good trim. If depth OK then due to tool wear, if depth is up then probable excessive blank weight.
10	FLASH STICKING ON COMPONENT	Self-explanatory? Moulding flash adhering to surface.
11	FLOW MARKS	Thread-like recess, usually curved, of very slight depth in the un-flexed state, with normal surface texture and round edge.
12	HARDNESS INCORRECT	Material hardness beyond specification. Too hard or soft.
13	HOOK MARKS	Caused by extraction implement
14	INDENTATION	Depression, usually irregular in form, can be caused by removal of inclusions .There are other potential causes depending on product type – not tool marks (see 29)
15	INLAY INCORRECT SIZE / MISSING	Rubber inlay incorrectly measured / wrong size or missing.
16	JOIN QUALITY	Wasting or narrowing at the join –inadequately bonded or angled 'flow marks' in join area . Can also be leaking of inflatable seal.
17	LABORATORY TEST FAILURE	Seal component or material fails laboratory or other test.
18	OSJ TABS MISALIGNED	OSJ tabs incorrectly aligned.
19	MATERIAL INCORRECT	Incorrect compound or fabric used.
20	METAL DAMAGE	Tool Damage – or bands incorrectly positioned, distorted / broken or buckled
21	NON FILL / NOT UP	Random, irregular indentation with a coarser texture than the normal moulded surface. Incomplete fill, short weight
22	OFFSET/ MISMATCH	Misalignment or differential sizing of tool halves resulting in a step at the split line.
23	PLY MOVEMENT	Excessive deformation or twisting of fabric plies.
24	SPLIT	Overstressed join/ split between different materials.
25	SPRING COVERAGE	Polyolifin cover not fully covering spring area.
26	SPRINGS MOVEMENT	Springs incorrectly positioned.
27	SURFACE CONDITION	Complete or patchy areas of coarser texture due to cavity surface condition or rubber pre-vulcanisation ("Scorch") – various causes
28	TRIMMING QUALITY	Excessive flash height or ragged/chipped trim.
29	TOOL MARKS	Mould marks / Quality of tooling (Flats poor mould condition / raised marks)