FIRST UP PRODUCT – MOULD INSPECTION

Minimum Frequency – All first up products in a new production run from each mould
1. Record design details of product from specified dimensions.
2. Measure and record actual dimensions of mould and compare with design specifications.
3. Tick whether mould is a new mould, mould from repair, or mould coming back into production from mould storage area.
4. Complete mould checks to validate the mould is conforming and ready to use.
5. Quality Control visual inspection is to be completed on the initial finished product.

If non-conforming do the following:

a. Advise the designated quality coordinator of non-conformance and provide them with a copy of this form.
b. If any dimensions are out of tolerance; remove that mould from production until problem is rectified.

Date:		Worker Completing Mould Inspection:		Pole Type / Size:	
Mould No.:		New Mould: ☐	Mould from repair: ☐	Mould From Storage: ☐	

DIMENSIONAL CHECKS

CHECK	DESIGN	ACTUAL	TOLERANCE	
			POLES	**PILES**
Tip Diameter			± 2 mm	+ 10 mm, - 5 mm
Butt Diameter			± 2 mm	+ 10 mm, - 5 mm
Distance from butt to depth marker			± 100mm	N/A
Distance from butt to Name plate location			± 100mm *(Unless interference occurs)*	N/A
Specified Product Length			± 50mm Poles	+ 50mm, - 0mm

MOULD CHECKS

		COMMENTS / ACTIONS FOR RECTIFICATION:
Does the mould have all locating pins	YES / NO	
Has the mould been clean thoroughly including weld spatter?	YES / NO	
Have all unused locating holes been filled	YES / NO	
Have the seams been scraped	YES / NO	
Are there any cracks in the mould	YES / NO	
Have running rings been secured correctly?	YES / NO	
Have mould sections been sealed with silicone and secured correctly?	YES / NO	

FINISHED PRODUCT VISUAL CHECKS

Date:		Product No.:		QC (Initials)		QC Comments:
(IS THE FOLLOWING NOTICEABLE?) BULGES, INDENTS, HOLES, SEEM BLEEDS, RUST MARKS, DIRT MARKS, FOREIGN MATTER OR SILICONE				YES	NO	

Document History:

Version No.:	Date:	Description	Made by	Reviewed by	Approved by
1	02/072024	Initial Issue	Joshua Myhill	Joshua Myhill	Joshua Myhill