SITE survey. APP

SITE SURVEY REPORT

First Article Inspection

Prepared for	Holloway Pump Systems Ltd
Date	28 Sep 2026
Site	Westgate Precision, Gloucester
Prepared by	L. Prentice

FORM

First Article Inspection

1. Record details and scope

Project	Westgate Precision, Gloucester: HP-2214 bracket first article
Client or organisation	Holloway Pump Systems Ltd
Site or premises address	Unit 4, Tewkesbury Road Trade Park, Gloucester GL2
Record date	28 Sep 2026
Person completing the record	L. Prentice

This is a general first-piece evidence record against customer requirements. Use the required standard, licensed forms and customer process where a formal aerospace submission is required.

BSI describes aerospace first article inspection as a structured process with specified submission requirements and forms. This general manufacturing record is not a reproduction of those forms or evidence that AS9102 requirements have been met.

2. Part and requirements

Part number, description and serial or batch ID	HP-2214 motor mounting bracket, 6082-T6 aluminium, batch B0926, first-off part FA-01
Drawing and revision	HP-2214 rev D
Customer order and inspection requirements	Holloway PO 77310. Full first article inspection of all ballooned characteristics, report to go with the first delivery.
Reason for first article or repeat inspection	New part from a new supplier, first production batch
Material, special process and certificate references	Material certificate MC-60822 from the stockholder, anodising certificate AN-3317

3. Characteristics

Characteristic 1: 1

Drawing characteristic number	1
Nominal value, tolerance or requirement and unit	Overall length 120.00 ±0.10 mm
Measurement method and instrument reference	Digital caliper DC-07
Actual measured value or observation	120.04 mm

Result	Within stated requirement

Characteristic 2: 2

Drawing characteristic number	2
Nominal value, tolerance or requirement and unit	Bore diameter 22.000 +0.021 / 0 mm
Measurement method and instrument reference	Bore gauge BG-03 set on ring SR-22
Actual measured value or observation	22.012 mm
Result	Within stated requirement

Characteristic 3: 5

Drawing characteristic number	5
Nominal value, tolerance or requirement and unit	Mounting hole centres 80.00 ±0.05 mm
Measurement method and instrument reference	CMM-01, program HP2214-A
Actual measured value or observation	80.07 mm
Result	Outside stated requirement
Deviation and disposition reference	0.02 mm over the upper limit. NCR-WP-0412 raised, batch on hold, concession request CR-118 sent to the customer.

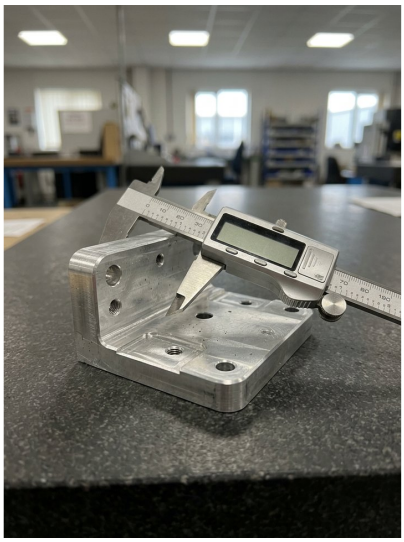
Characteristic 4: 9

Drawing characteristic number	9
Nominal value, tolerance or requirement and unit	Anodise thickness 10 to 15 µm
Measurement method and instrument reference	Value taken from anodising certificate AN-3317
Actual measured value or observation	12 µm reported on the certificate
Result	Within stated requirement
Within requirement	3
Outside requirement	1
Not verified	0

4. Review and disposition

Calibration and external laboratory references	DC-07, BG-03, SR-22 and CMM-01 all in date on register CAL-WP-2026. No external laboratory tests.
Unverified features and non-conformance references	Characteristic 5 outside requirement, NCR-WP-0412. The other 14 characteristics were within requirement.
Customer or authorised internal disposition reference	Concession request CR-118 sent 29/09/2026, customer decision awaited
Repeat inspection scope and reason	Repeat characteristics 5 and 6 on the next part after the program offset is corrected, as a partial FAI if the customer agrees.

Part and measurement evidence



5. Actions and review

Are further actions required?	Yes

Further action 1: Correct the hole position offset in CNC program HP2214-OP20 and measure the next part.

Action and evidence reference	Correct the hole position offset in CNC program HP2214-OP20 and measure the next part.
Person responsible	J. Ward, CNC setter
Target date	30 Sep 2026
Action status	Completed
Completion evidence	Offset corrected. Part FA-02 measured 80.01 mm on CMM-01, report CMM-FA02.

Further action 2: Keep batch B0926 in quarantine and chase the customer decision on CR-118.

Action and evidence reference	Keep batch B0926 in quarantine and chase the customer decision on CR-118.
Person responsible	L. Prentice
Target date	7 Oct 2026
Action status	Open
Outstanding limitations and information to pass on	First article not approved until the customer decides CR-118.
Record status	Further work needed
Reviewed by	A. Lowther, quality manager
Review date	30 Sep 2026
Author signature	

Signing records the information entered. It does not itself certify legal compliance, remove a limitation or authorise unsafe work.