

Quality Bulletin

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Dear Suppliers,

In reference to Eagle Eye 20-13 for Pratt US parts, we would like to provide clarity of machine readable (2D Data Matrix) part identification inspection requirements per PWA 310 Para 4.6.3 and PWA 79310.

Per the requirements the PW 2D Data Matrix inspection expectations are as follows:

- 1) Suppliers performing 2D Data Matrix marking will inspect 100% all products marked for validation and verification. Note that validation inspects the content of the 2D Data Matrix and verification inspects for the quality of the marking. Quality of the marking is verified by the utilization of the proper 2D Data Matrix scanning devices available on the open market (e.g. Cognex). Also, verification inspection can be aided for some product with stationary fixtures and supporting devices (e.g. Monode).
- 2) Suppliers are to ensure their 2D Data Matrix inspection plans/work instructions require both validation and verification as defined above along with the proper inspection equipment required to carry out this task. The PW Part Marking Cell, when reviewing a part marking inspection request involving 2D Data Matrix marking, will look for evidence that the supplier inspection plans include both validation and verification for all production parts.
- 3) Suppliers are to ensure their 2D Data Matrix inspection plans/work instructions require matching the content of the 2D Data Matrix with the associated human readable marking along with the proper inspection equipment required to carry out this task. The PW Part Marking Cell, when reviewing a part marking inspection request involving 2D Data Matrix marking, will look for evidence that the supplier inspection plans include the inspection of the match between the 2D Data Matrix and the human readable marking all production parts.
- 4) Part Marking Inspection Request Form F9236 has been updated with specific 2D Data Matrix inspection questions that reflect the three expectations above along with tabs that'll allow a supplier to insert a pdf copy of their work instruction / inspection plan as objective evidence.

Please find attached Form F9236 which should be used for part marking approval by Belcan Part Marking Center of Excellence at gppwpartmarkingmfgen@pw.utc.com. Form F9236 should be used for FAI and PPAP parts. Above email address can also be used to ask any question regarding PW product part marking and PWA310 requirements.

In a case of any questions please send your reply to received bulletin email address.

SQA Group of P&W Poland Company

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