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1. - PPAP - Production Part Approval Process

Description

The production part approval process (PPAP) is a methodology designed to prove objectively that the components supplied, and the production processes used to manufacture them, fulfil all customer specifications and engineering drawing requirements.

In the automotive industry, PPAP is contained in the AIAG (Automotive Industry Action Group) manual. Basically, PPAP defines the general requirements in order for parts to be approved for serial production, including materials.

The PPAP process verifies that the supplier in question and their supply chain fulfil all the customer design and technical requirements, and that they have been properly understood. It also verifies that the production process is suitable for the manufacture of parts which comply with customer requirements.

PPAP requirements are normally divided into 5 classifications or levels.

1.1 - PPAP Level 1

Description

PPAP Level 1 contains a Parts Submission Warrant (PSW) and an appearance approval report (only if requested).

Cost

Part number: **C8000007**. Cost: 175 €.

Delivery Time

This certificate can normally be issued within 2 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

1.2 - PPAP Level 2

Description

PPAP Level 2 contains a Parts Submission Warrant (PSW), limited supporting data, results of the inspection of technical drawings and an appearance approval report (only if requested).

Cost

Part number: **C8000008**. Cost: 300 €.

Delivery Time

This certificate can normally be issued within 2 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.



1.3 - PPAP Level 3

Description

PPAP de Nivel 3 contains a Parts Submission Warrant (PSW), full supporting data, results of the inspection of technical drawings, IMDS, process control plan and flow chart. If required, laboratory and functional results, process capability results, capacity analysis, gauge study and FMEA can also be included.

Cost

Part number: C8000009. Cost: 600 €.

Delivery Time

This certificate can normally be issued within 3 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

1.4 - PPAP Level 4

Description

PPAP Level 4 is similar to PPAP Level 3 but without samples.

Cost

Part number: **C8000010**. Cost: 500 €.

Delivery Time

This certificate can normally be issued within 3 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

1.5 - PPAP Level 5

Description

PPAP de Nivel 5 contains a Parts Submission Warrant (PSW), full supporting data, results of the inspection of technical drawings, IMDS, process control plan and flow chart, laboratory and functional results, appearance approval report, process capability results, capacity analysis, gauge study and FMEA.

Cost

Part number : C8000011. Minimum cost : 500 €.

Delivery Time

This certificate can normally be issued within 3 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.



2. - Process Flow

Description

A Process Flow certificate is a way of visualizing the steps involved in the manufacture of the part in question and the order in which each step is implemented.

Cost

Part number: C8000003. Cost: 150 €.

Delivery Time

This certificate can normally be issued within 1 week from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

3. - Process Control

Description

A process control certificate documents the controls required in order to fulfil product specifications or requirements and also the process of continuous improvement.

Cost

Part number: **C8000004**. Cost: 150 €.

Delivery Time

This certificate can normally be issued within 1 week from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

4. - 3.1.B - Inspection certificate

Description

This certificate includes all the necessary information on the part/s in question: dimensional study, function, corrosion resistance and chemical analysis (if applicable). The results always correspond to one particular batch.

Cost

Part number: C8000001. Cost: 100 €.

Delivery Time

This certificate can normally be issued within 3-4 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.



5. - ISIR - Initial Sample Inspection Report

Description

This certificate includes all relevant information regarding dimensions, function, corrosion resistance and chemical analysis of materials. The results of these tests are based on a set of 10 pcs which are sent to the customer as samples.

Cost

Part number: C8000002. Cost: 250 €. Carriage charges for the samples are not included.

Delivery Time

This certificate can normally be issued within 3 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

6. - IMDS - International Material Data System

Description

IMDS is an international database where manufacturers can register and store information on all the materials used to manufacture their products.

Cost

Part number: **C8000012**. Cost: 100 €.

Delivery Time

Registration on the database can normally be carried out within 1 week from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

7. - Corrosion resistance report (Salt Spray Test)

Description

This is the procedure used to determine corrosion resistance. Parts are placed in an extremely corrosive saline environment in conditions which comply with the norm UN EN ISO 9227. The aim of this test is to determine how long is taken before the appearance of white rust and red rust on the surface of materials using photographic evidence.

Cost

Part number: **C8000013**. Cost: 500 €.

Delivery Time

The exact delivery time will depend on how many hours are required in the test. We advise you to consult the exact delivery time when requesting this test.



8. - ISO 9001 certificate

Description

The ISO 9001 norm certifies compliance with the most widely used Quality Management System worldwide. This norm belongs to the family of ISO 9000 quality management systems. Compliance with this norm helps organisations to meet the expectations and needs of their customers, amongst other advantages.

Cost

Free of charge.

Delivery Time

Delivery time is immediate as this certificate can be downloaded directly from the Damesa website (www.damesa.com) from the section About us/Quality (https://damesa.com/en/about-us).

9. - IATF 16949 certificate

Description

The IATF 16949 norm certifies compliance with a Quality Management system which focusses on the prevention of errors and on waste reduction in the manufacturing process. This norm also belongs to the family of ISO 9000 quality management systems. Compliance with this norm helps organisations to meet the expectations and needs of their customers, amongst other advantages.

Cost

Free of charge.

Delivery Time

Delivery time is immediate as this certificate can be downloaded directly from the Damesa website (www.damesa.com) from the section About us/Quality (https://damesa.com/en/about-us).

10. - ISO 14001 certificate

Description

The ISO 14001 norm certifies compliance with a norm which demonstrates responsible practise and concern for the environment. Damesa complies fully with this norm and has taken all the necessary steps to protect the environment from the risks which the company activity could represent.

Cost

Free of charge.

Delivery Time

Delivery time is immediate as this certificate can be downloaded directly from the Damesa website (www.damesa.com) from the section About us/Quality (https://damesa.com/en/about-us).



11. - Certificate of Conformity

Description

A certificate of conformity (or CoC) is issued by an authorised entity (sometimes the manufacturer, sometimes by an independent authority) and certifies that the product in question complies with the standards or required specifications.

A CoC is generally required by a customer in order to guarantee that the product has been checked and complies with established criteria. It can also certify compliance with technical and/or safety requirements.

This means that, apart from exceptions or discrepancies, that the part supplied has been manufactured according to the technical specifications applicable to the purchase order and that all the checks, controls and tests carried out correspond in every way to the requirements of the manufacturing plants and to all applicable norms.

Cost

Free of charge

Delivery Time

This can normally be issued within 1 week from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

12. - 3D file

Description

We can supply STEP or DWG files, which present the article in question in perspective, laid out in parallel segments based on 3 axes (width, length and depth).

Cost

Part number: **C8000015**. Cost: 50 €.

Delivery Time

This file can normally be issued within 2 weeks from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.

13. - Material Certificate

Description

A material certificate specifies the material used in the manufacture of the product in question, the chemical composition of the material and the origin of the manufacturer or supplier of the raw material.

Cost

Part number: C8000016. Cost: 75 €.

Delivery Time

This certificate can normally be issued within 1 week from order confirmation. However, we advise you to consult the exact delivery time when requesting the document.