

Application of quality management techniques at Dutrade Zrt

In the case of slit strips, Dutrade Zrt can issue the following documents by way of using different quality management techniques in the case of customers that so require in their orders:

- **Product approval according to PPAP / PPF VDA** – *Issuance of First Sampling memorandum.* In this case the chemical composition and mechanical properties of the material and its suitability of width and thickness are examined, which is certified with a document issued in the required format and a product sample is also provided.
- **F.M.E.A. – Failure Mode and Effect Analysis** – Possible failures emerging during processes related to the product are identified and appropriate measures are taken. *All this is recorded in an FMEA memorandum.*
- **CP – Control Plan** – It is prepared for the manufacturing process of each product specified in the customer's requirements. *A Control Plan (CP) is issued as a document.*
- **MSA – Measurement System Analysis** – It covers the examination of the measurement tool(s) and the person(s) performing measurements, and all this is evaluated and documented on an *MSA Form*.
- **Process capability review (Cp)** – We perform this by evaluating process capability indices for primary materials manufactured by ISD Dunafer Zrt (chemistry and mechanics). It is recorded in a *Process Capability Review memorandum*. At the customer's request, a documented review is also performed for the specifically required parameters of individual products.
- **8D method** – It is used in relation to customer complaints. It is a problem-solving and analytical technique, which is documented in an *8D Report*.
- **IMDS**
Based on a request of an automotive industry's supplier, an IMDS number can be given for the related material during its first pattern, so the processed, built-in material can be identified and followed-up in the IMDS system.