| RAI | ETALS INDUSTRIAL P | ROCESSES - 'BOXED LEARNI | NG' EXERCISE |
|-----|---|---|---|
| 141 | WORLD ASSOCIATION OF TECHNOLOGY | TEACHERS https://www.facebook.com/groups/254963448192823/ www.tech | nnologystudent.com © 2018 V.Ryan © 2018 |
| 1 | DESCRIBE THE PROCESS | POWDER COATING OF METAL ! SPRAY GUN ! ELECTRODE! NEGATIVELY CHARGED ! PRODUCT/! | PASTE ONE IMAGE OF A PRODUCT WITH A POWDER COATING FINISH |
| | | Spray gun funnels mixture of resin, pigment and additives into the electrode nosel NOZZLE Particles are electrically electrically charged, at speed towards the product / material. NOZZLE Powder Particles Particles exit nozzle, electrically charged, at speed towards the product / material. Material is painted. Minimal waste | tindent com © 2018 |
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| 2 | SCALE OF MANUFACTURE SUITED TO THIS PROCESS ((More than one tick may be required) | SKETCH THE INDUSTRIAL PROCESS SHOWN ABOVE | LIST PRODUCTS / COMPONENTS WITH A POWDER COATING FINISH |
| | ONE OFF / SINGLE ITEM | | |
| | BATCH PRODUCTION | | |
| | CONTINUOUS PRODUCTION | | |
| | JUST IN TIME (JIT) | | |
| | COMPUTER INTEGRATED MANUFACTURE | | |
| | REMOTE MANUFACTURING | | |
| | FLEXIBLE MANUFACTURING | | |
| | LEAN MANUFACTURING | | |
| | | | |
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