



Exercise sheet: Communication SAP and Production Quadcopter

Task 1:

Please assign the data for the production process to the respective purpose.

Data for the production of the quadcopter:

- (1) Colour shade of the frame
- (2) Lettering on the frame (two strings of 8 characters each for left and right)
- (3) Additional equipment for battery holder
- (4) Production quantity
- (5) Planned time of production Frame printing and assembly

Intended use of the data:

- (A) 3D printer selection
- (B) Sequence of use/times of 3D printers
- (C) Modification of the 3D model

Task 2:

Please assign five data from the production process "3D printing frame" to a possible use in a commercial process and briefly explain it.

Data from 3D printing:

- (1) Production target time
- (2) Production actual time
- (3) Material target consumption
- (4) Actual material consumption
- (5) Scrap
- (6) Photos/videos of the printing process
- (7) Temperature curve heating bed/nozzle
- (8) Finished message
- (9) 3D model

Commercial processes:

- (A) Controlling
- (B) Purchasing
- (C) Sales
- (D) Accounting
- (E) Marketing
- (F) Quality management



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