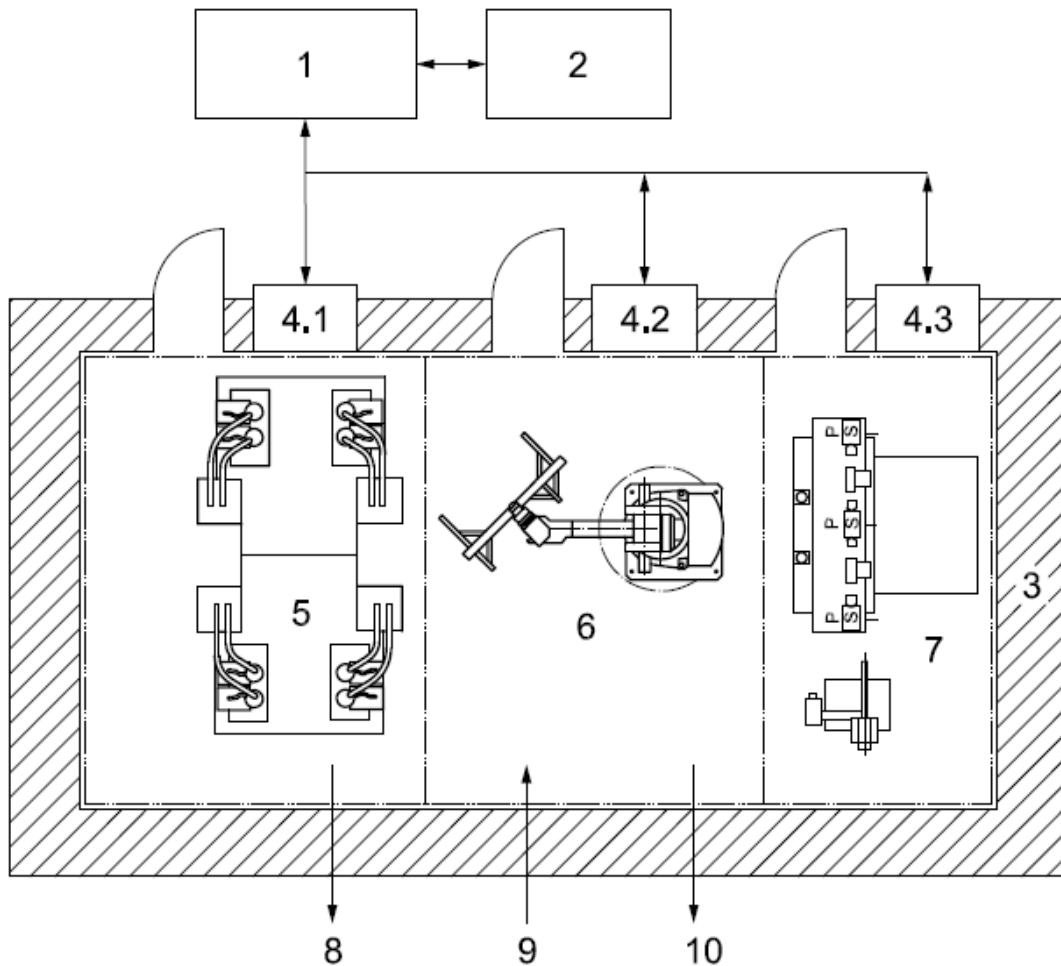


## ISO 11161 Integrated manufacturing systems - Basic requirements

A general configuration of an integrated manufacturing system (IMS) is shown in Figure 1:



**Figure 1 Configuration of an IMS**

**Key**

- 1 control
- 2 operator pendant
- 3 safeguarded space
- 4 local controls
- 5 hazard zone A
- 6 hazard zone B
- 7 hazard zone C
- 8 scrap and expendables flow
- 9 raw material flow
- 10 finished goods