Using and Interpreting Control Charts for Continuous Process Monitoring

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1

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ISO 13485:2016 Requirements
<b>8.2.5 Monitoring and measurement of processes</b> The organization shall apply suitable methods for <u>monitoring</u> and, as appropriate, measurement of the quality management system processes. These methods shall demonstrate the ability of the processes to achieve planned results.
8.2.6 Monitoring and measurement of product The organization shall monitor and measure the characteristics of the product to verify that product requirements have been met. This shall be carried out at applicable stages of the product realization process in accordance with the planned and documented arrangements and documented procedures.
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			Control C
Variables c	ontrol charts		
Туре	Distribution	Sample	Application
$\overline{X}$ and R	Normal	2 ≤ 10	Measurement subgroups
$\overline{X}$ and $s$	Normal	> 10	Measurement subgroups
Attributes	control charts		
Туре	Distribution	Sample	Application
с	Poisson	Constant	Count number of defects per item
u	Poisson	Varies	Count number of defects per item
np	Binomial	Constant	Count of defective items
р	Binomial	Varies	Count of defective items
g	Binomial	Individual	Interval between rare events
Variables c	or attributes cor	trol charts	
Туре	Distribution	Sample	Application
X and mR	Normal	1	Individual counts or measurements











































































