

HACCP Calculator Instruction 2

Selection and Categorisation of Control Measures

Selection and categorization of control measures includes the following assessments in the HACCP Calculator table:

- a. its effect on identified food safety hazards relative to the strictness applied
- b. its feasibility for monitoring - ability to be monitored in a timely manner
- c. its place within the system relative to other control measures
- d. the likelihood of failure in the functioning of a control measure or significant processing variability
- e. the severity of the consequence(s) in the case of failure in its functioning
- f. if the control measure is specifically established and applied to eliminate or significantly reduce the hazard
- g. synergistic effects - interaction that occurs between two or more measures

The Control Measure Assessment section of the HACCP Calculator is Colour Coded. Control Measures that are to be implemented as Operational PRPs are highlighted by a Black Box. If all Boxes are Green after Assessment the team are to continue and use the Decision Tree Section. If a mixture of Green and Orange Boxes are highlighted then the HACCP team consider if to proceed to the Decision Tree Section or implement as an Operational PRP.

Significant Hazards which proceed to the Decision Tree Section are Categorised as Critical Control Points if they are highlighted in Red by the HACCP Calculator otherwise they are implemented as Operational PRPs.

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HACCP Calculator ISO 22000 Instructions

Assessment of control measures						
Proceed to Decision Tree						
Review Control Measure and if to use Decision Tree						
Stop at this point not a CCP. Implement as an OPRP						
a)effect on hazard relative to the strictness applied	b)feasibility for monitoring	c)place within the system relative to other control measures	d)likelihood of failure of control measure or significant processing variability	e)severity of the consequences in the case of failure in its functioning	f)if the control measure is specifically to eliminate or significantly reduce the hazard	g)synergistic effect with other control measures
Significant reduction	an be monitored 100% of the lot	At the end of the process	Slight variation	or trauma requiring urgent hospital	Not specific but effective	Effective in combination
Some reduction	ad proportion of product monitored	Mid process	Possible failure/variation	very severe life-threatening event	Not specific but effective	No synergism
Significant reduction	an be monitored 100% of the lot	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	Some monitoring	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Non specific not effective	No synergism
Little effect	an be monitored 100% of the lot	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	an be monitored 100% of the lot	Mid process	Possible failure/variation	sing injury or trauma not requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	an be monitored 100% of the lot	Mid process	Always varies significantly	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	Some monitoring	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	an be monitored 100% of the lot	Mid process	Always varies significantly	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	Very little monitoring	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	an be monitored 100% of the lot	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Not specific but effective	No synergism
Significant reduction	an be monitored 100% of the lot	Mid process	Possible failure/variation	or trauma requiring urgent hospital	Not specific but effective	No synergism

Document Reference HACCP Calculator Instruction 2

Revision 1 9th August 2011

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