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## Hazardous activity identification process

Prepared by	Number	Date
HSE section	HMSRV2601	22.03.2011
Approved by	Page	Replaces
The Rector		01.12.2006



Unit: (De	partment)	Date: dd.mm.yy				
Line man	ager:					
Participa	nts in the identification process (incl. function):					
(supervisor,	student, co-supervisor, others)					
Short des	scription of the main activity/main process:	Master project for student xx. Project title.				
Is the project work purely theoretical? (YES/NO)		Answer "YES" implies that supervisor is assured that no activities				
requiring ri	sk assessment are involved in the work. If YES, briefly	y describe the activities below. The risk assessment form need not be filled out.				
Signature	Responsible supervisor:	Student:				
	Respons					

ID nr.	Activity/process	Respons- ible person		Laws, regulations etc.	Comment
1					
2					
3					
4					
5					
6					

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## Risk assessment

Prepared by	Nummer	Date		
HSE section	HMSRV2603	04.02.2011		
Approved by	Page	Replaces		
The Rector		09.02.2010		



Unit: (Institute)		Date:	
Line manager:			
Participants in the ide	entification process (incl. function)		
(supervisor, student, co-sup	ervisor, others)		
Risk assessment of:		Master project for student xx. Project title.	
Signatures:	Responsible supervisor:	Student:	

ID nr.	Activity from the identification process form	Potential undesirable incident/strain	Likeli- hood: (1-5)	Human (A-E)	Conseq Enviromen t (A-E)		Risk value (human)	Comments/status Suggested measures
1					(2.2.2)	(** =/		
2								
3								
4								
5								
6								

Risk value = Likelihood (1, 2 ...) x consequence (A, B ...). Risk value A1 means very low risk. Risk value E5 means very large and serious risk

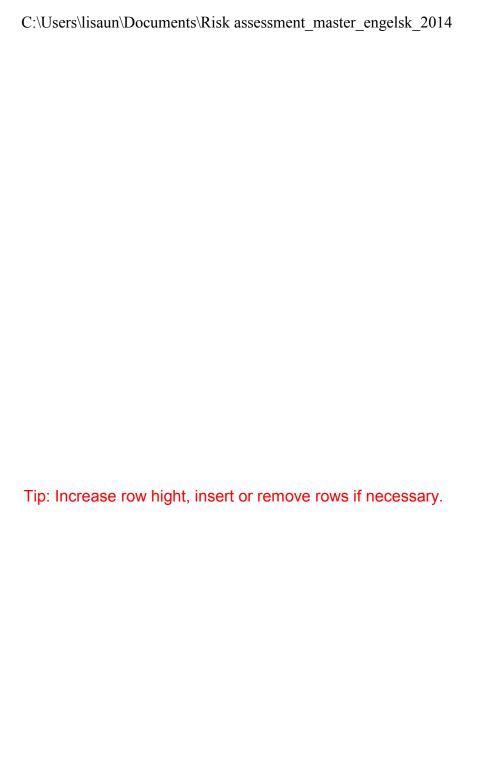
	Likelihood	Consequence						
Value	Criteria	Grading		Human Environment		Economy/material		
1	Minimal: Once every 50 year or less	<b>-</b>	Very critical	May produce fatality/ies	Very prolonged, non- reversible damage	Shutdown of work >1 year.		
2	Low: Once every 10 years or less	D	Critical	Permanent injury, may produce serious health damage/sickness	Prolonged damage. Long recovery time.	Shutdown of work 0.5-1 year.		
3	Medium: Once a year or less	С	Dangerous	Serious personal injury	Minor damage. Long recovery time	Shutdown of work < 1 month		
4	High: Once a month or less	В	Relatively safe	Injury that requires medical treatment	Minor damage. Short recovery time	Shutdown of work < 1week		
5	Very high: Once a week	Α	ISATE		Insignificant damage. Short recovery time	Shutdown of work < 1day		

## **MATRIX FOR RISK ASSESSMENT**

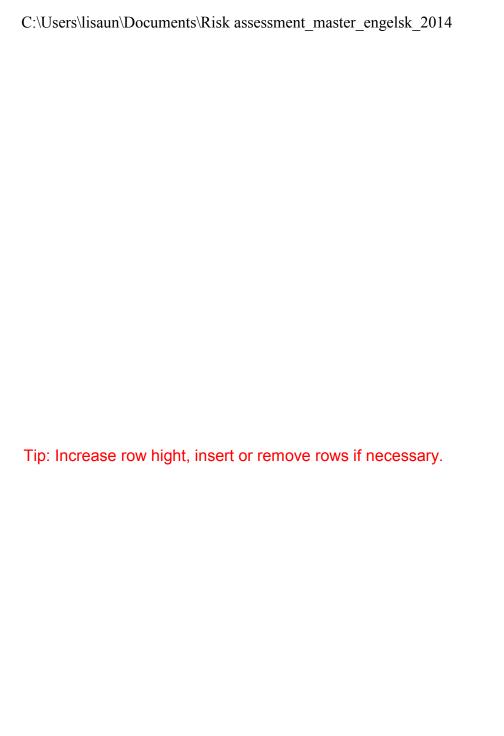
	Very critical	E1	E2	E3	E4	E5	
ENCE.	Critical	D1	D2	D3	D4	D5	
CONSEQUENCE	Dangerou s	C1	C2	C3	C4	C5	
CONS	Relatively safe	B1	B2	В3	B4	B5	
	Safe	A1	A2	А3	A4	<b>A5</b>	
		Minimal	Low	Medium	High	Very high	
		LIKELIHOOD					

## Explanation of the colors used in the risk matrix.

Color	Description
Red	Unacceptable risk. Safety measures must be implemented.
Yellow	Measures to reduce risk shall be considered.
Green	Acceptabel risk.



17.10.2014 Page 5 of 6



17.10.2014 Page 6 of 6