SAFETY REGULATION VV 31

Temporary bridging of protections



Date of last change	07/06/2023
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1. Subject

This procedure describes what needs to happen when men wants to temporarily bridge protections.

2. Scope and exceptions

This procedure in this regulation is generally valid for all work on or in the installations of Nyrstar Balen and Pelt.

3. Links

Document description	Document no.		
Risk analysis document	<u>XF-432-FREC-0-00023</u>		
Approval document	XF-452-FREC-0-00031		

4. Definitions

TOB	Temporary bridging of security protections		
Safety-critical systems	 security circuits overpressure protection Insulation monitoring gas detection system sump hydrantnet fire detection collection and drainage systems. 		
Protection circuits	Is one or more components that monitor the safety function of an installation.		

5. Responsibilities and powers

Plant Manager	Bears the final responsibility for the safety of the installations. He or his delegate makes the decision to apply TOB from security circles or other important security systems	
Production manager (Approver)	Is the Superintendent/Head of Department or the Production Coordinator of the department concerned.	
	Ensures that the risk analysis and the measures were carried out prior to the bridging.	
	Give his agreement by signature on the approval form XF-452-FREC-0-00031	
	Ensures that a notification with corresponding action is entered from the bridging in RIMS	

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Weekly responsible manager Production area	If the bridging takes place outside the day hours, he takes over the responsibilities of the Production Manager	
Performer	Is the operator/stielman who performs the bridging. Is convinced that all measures from the risk analysis have been carried out.	
	Performs the bridging.	
	As soon as the situation allows, he will remove the bridging and test this safety again. He notifies his responsible person so that he can cancel the RIMS promotion	
RIMS notifier	Production manager or weekly shift manager production area	
	Uses completed (copy) approval form to report an action in RIMS	

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6. Procedure

6.1 General principle

Temporary bridging of protections is an exceptional measure, which means that one may only apply them:

- After carrying out an in-depth risk analysis and consultation between all competent stakeholders;
- The bridging is limited to the most necessary period and must be restored pioritically.
- Will be communicated to all sections/persons concerned.

6.2 Restrictions

The temporary bridging of protections must not entail any risk that can lead to the occurrence of critical errors, serious deviations, environmentally harmful or unsafe (work) situations.

The temporary bridging of protections is only permitted for:

- The minimum necessary period of time
- Any extension of the deadline must be confirmed by a new document XF-452-FREC-0-00031
- For longer-term unavailability of security circles or other important security systems, the decision to keep the installation in service under these circumstances should be taken by the plant manager or his delegate.

6.3 Validity

The temporary bridging is only valid from the moment:

- that the risk analysis and all related measures have been carried out;
- the approval document has been signed by the production manager and the exporter and distributed to all the recipients specified in the approval document;
- An action notification has been entered into the RIMS.

6.4 Approval and set-up

The executor of the temporary bridging, who is the requesting party for a specific case, consults all those involved. Together, these examine whether a temporary bridging is acceptable and what it will entail.

In case the production manager (approver) agrees:

Assures the production manager that a risk analysis and related measures have been carried out before giving his approval on the approval document. This may be a verbal agreement outside office hours after a telephone consultation. Administration should be done by the next business day.

The Production Manager ensures that this temporary documented risk analysis and approval form "temporary bridging of protections TOB" are stored in RIMS attachments. He also ensures that the bridging is communicated and documented to all parties involved. This can be done outside office hours by giving permission at least in writing by e-mail. Administration must be done on the next working day.

The Production Manager ensures that the bridging is entered in the RIMS.

When entering the report in RIMS, the RIMS reporter must link an action (lifting temporary bridging) and assign a person (executor) who is responsible for performing this action. This action should also be given a deadline for implementation.

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At the end of the work or when the TOB expires, the responsible executor will remove the temporary bridging. After the responsible executor has removed the temporary bridging, his responsible person will close the action in RIMS.

The person who has entered the RIMS notification + RIMS action will automatically receive an email/notification from the system that the action has been completed, i.e.dat the original security is back in service.

The reporter will communicate the termination of the TOB to the persons mentioned in the distribution box of the approval form.

If deviations, incidents or unforeseen risks occur during the TOB, the fixer will report this in the RIMS so that corrective action can be taken.

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6.5 Approval certificate (doc XF-452-FREC-0-00031)

To be completed by the executor of the bridging.

Tijdelijke O			I	HVISIAL	
Tijdelijke Overbrugging van Beveiligingen TOB		BALEN/OVERPELT			
Te gebruiken i.g.v. tijd	elijke overbrugging v	an beveiligingen Blz. 1 var	n		
Betreft:		,	-		Subject: Description of the security(s) and equipment
Voor:					For : name of the section and the
(maximaal geldig VAN - 1	OT. na verstriiken van	de termiin moet een nie	uw formul	ier ingevuld worden)	Production Manager to which the TOB is in force
Van:	,,,,	Tot:		,	From: time from which the TOB is in
		100			force
Overbrugging:					Until: time at which the TOB ends
					Bridging: precise description of the TOB that will be carried out
Reden:					
Beperkingen:					Reason: why the TOB should be carried
Mogelijke gevolgen:					out Restrictions: description of any restrictions or HSE measures to be taken
Verdeling: kopie:					Possible consequences: probable risk of this TOB Distribution of copy: enumeration of
					sections/persons who need to receive a
Een ri	sicoanalyse en daaraan Naam	gekoppelde maatregele Datum			copy of the approval form
Goedkeurder	Naam	Datum	Handtek	ening	Approver : Superintendent or Production coordinator or weekly
(Superintendent productiecoördinator)					service manager production area
Uitvoerder (Persoon die de overbrugging uitvoert)					Executor: person who will carry out the bridging and remove it after the work
Opmerkingen:			•		Remarks : possible comment from Approver and/or Executor

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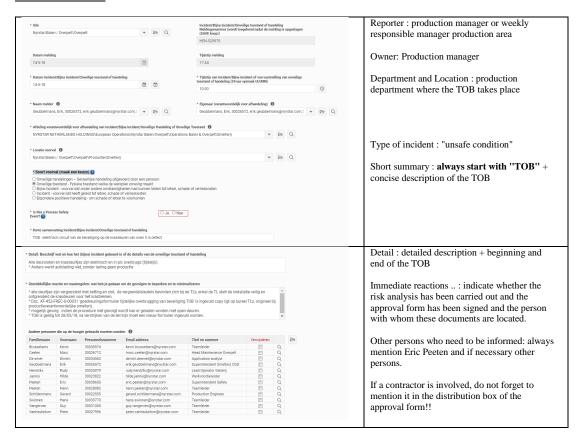
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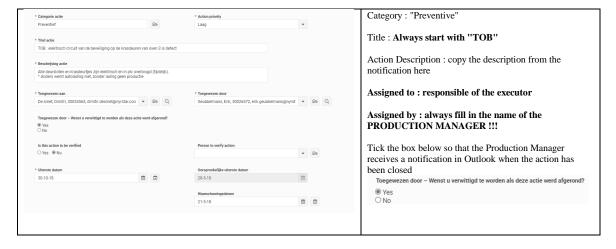


6.6 RIMS Notification and Action

RIMS Notification



Associated action with the RIMS notification

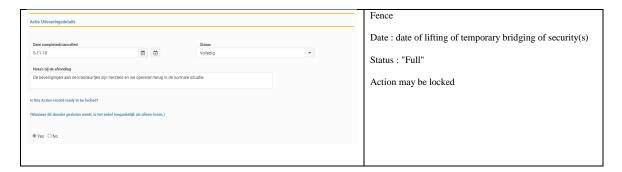


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