

## Site (Structure) : Kh SE

Country: UKRAINE

Reporting Year: 2012

Full Name: Kharkov State Interregional Special Enterprise

Description:

Official Website:

License Holder(s): Kharkov State Interregional Special Enterprise  
 Director: Sharov Volodymyr  
 Fax: +38 057 717 46 85  
 Phone: +38 057 293 41 59

Waste management facilities that are located at this site:

<b>Facility:</b>	<b>FAC 1</b>													
<b>Description:</b>	Facility for liquid radioactive waste cementation													
<p><b>Processing part of facility                      FAC 1</b></p> <p>The following shows processing status for waste classes and SRS.</p> <table border="1"> <thead> <tr> <th>Waste Class</th> <th>Actual</th> <th>Planned</th> </tr> </thead> <tbody> <tr> <td>Mid-Active</td> <td>No</td> <td>No</td> </tr> <tr> <td>Low-Active</td> <td>No</td> <td>No</td> </tr> <tr> <td>High-Active</td> <td>No</td> <td>No</td> </tr> </tbody> </table>			Waste Class	Actual	Planned	Mid-Active	No	No	Low-Active	No	No	High-Active	No	No
Waste Class	Actual	Planned												
Mid-Active	No	No												
Low-Active	No	No												
High-Active	No	No												
<b>Type:</b>	Conditioning													
<b>Year opened:</b>	1993													

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<b>Facility:</b>	<b>FAC 2</b>												
Description:	Facility for liquid radioactive waste cementation												
<b>Processing part of facility                      FAC 2</b>													
The following shows processing status for waste classes and SRS.													
<table border="1"><thead><tr><th>Waste Class</th><th>Actual</th><th>Planned</th></tr></thead><tbody><tr><td>Mid-Active</td><td>No</td><td>No</td></tr><tr><td>Low-Active</td><td>No</td><td>No</td></tr><tr><td>High-Active</td><td>No</td><td>No</td></tr></tbody></table>	Waste Class	Actual	Planned	Mid-Active	No	No	Low-Active	No	No	High-Active	No	No	
Waste Class	Actual	Planned											
Mid-Active	No	No											
Low-Active	No	No											
High-Active	No	No											
Type:	Conditioning												
Year opened:	1995												

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<b>Facility:</b>	<b>Module 1</b>
<b>Description:</b>	Concrete modules 1-14 for solid radioactive waste

**Disposal part of facility                      Module 1**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	Yes	No
Low-Active	No	No
High-Active	No	No

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	Yes		
Capacity existing (m3):	1525	Capacity planned (m3):	1525

Depth (m):	3	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
operation	1990		False
EVENT: operating license granted	1995	1998	False
EVENT: operating license granted	1998	2003	False
EVENT: operating license granted	2003	2008	False
EVENT: operating license granted	2008	2011	False

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<b>Facility:</b>	<b>Module 18</b>
<b>Description:</b>	Concrete module for biological radioactive waste

**Disposal part of facility                      Module 18**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	Yes	No
Low-Active	No	No
High-Active	No	No

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	60	Capacity planned (m3):	60

Depth (m):	3	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
operation	1968		False
EVENT: operating license granted	1995	1998	False
EVENT: operating license granted	1998	2003	False
EVENT: operating license granted	2003	2008	False
EVENT: operating license granted	2008	2011	False
EVENT: operation suspended	1991		False

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<b>Facility:</b>	<b>Module 19</b>
<b>Description:</b>	Concrete modules for solid radioactive waste

**Disposal part of facility                      Module 19**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	Yes	No
Low-Active	No	No
High-Active	No	No

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	400	Capacity planned (m3):	400

Depth (m):	3	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
operation	1962		False
EVENT: operating license granted	1995	1998	False
EVENT: operating license granted	1998	2003	False
EVENT: operating license granted	2003	2008	False
EVENT: operating license granted	2008	2011	False
EVENT: operation suspended	1996		False

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<b>Facility:</b>	<b>Module 20</b>
<b>Description:</b>	Concrete modules for solid radioactive waste

**Disposal part of facility                      Module 20**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	Yes	No
Low-Active	No	No
High-Active	No	No

List SRS?	No
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	400	Capacity planned (m3):	400

Depth (m):	3	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
operation	1968		False
ACTIVITY: upgrading	1997	1998	False
EVENT: operating license granted	1995	1998	False
EVENT: operating license granted	1998	2003	False
EVENT: operating license granted	2003	2008	False
EVENT: operating license granted	2008	2011	False
EVENT: operation suspended	1991		False

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<b>Facility:</b>	<b>Module 21</b>
<b>Description:</b>	Cask for liquid radioactive waste

**Storage part of facility                      Module 21**

The following shows storage status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	Yes	No
Low-Active	No	No
High-Active	No	No

List SRS?	No
List UMMT?	No

Capacity:	1200 m3
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## Types of Storage Units

Storage Unit Name	Type Name	Year Opened	Closed?	Full?	Modular?	Contains SRS?
Modul 21	cask	1961	No	No	No	No

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<b>Facility:</b>	<b>PIPE</b>					
<b>Description:</b>	Storage for radioactive contaminated pipes					
<b>Storage part of facility</b>						
<b>PIPE</b>						
The following shows storage status for waste classes and SRS.						
<b>Waste Class</b>	<b>Actual</b>	<b>Planned</b>				
Mid-Active	Yes	No				
Low-Active	No	No				
High-Active	No	No				
<b>List SRS?</b>	No					
<b>List UMMT?</b>	No					
<b>Capacity:</b>	702m3					
<b>Types of Storage Units</b>						
<b>Storage Unit Name</b>	<b>Type Name</b>	<b>Year Opened</b>	<b>Closed?</b>	<b>Full?</b>	<b>Modular?</b>	<b>Contains SRS?</b>
PIPE	building	1997	No	Yes	No	No



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<b>Facility:</b>	<b>SRS 15-16</b>
<b>Description:</b>	Two Modules for Spent Radioactive Sources are operating

**Disposal part of facility SRS 15-16**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	No	No
Low-Active	No	No
High-Active	No	No

List SRS?	Yes
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	1	Capacity planned (m3):	1

Depth (m):	6	Host medium:	sedimentary rock (consolidated clay)
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Phase Name	Start Year	End Year	Estimate
operation	1990		False
EVENT: operating license granted	1995	1998	False
EVENT: operating license granted	1998	2003	False
EVENT: operating license granted	2003	2008	False
EVENT: operating license granted	2008	2011	False

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<b>Facility:</b>	<b>SRS 17</b>
<b>Description:</b>	Module for Spent Radioactive Sources are not operating

**Disposal part of facility SRS 17**

The following shows disposal status for waste classes and SRS.

Waste Class	Actual	Planned
Mid-Active	No	No
Low-Active	No	No
High-Active	No	No

List SRS?	Yes
List UMMT?	No

Type:	engineered near surface		
Facility is modular?	No		
Capacity existing (m3):	1	Capacity planned (m3):	1

Depth (m):	6	Host medium:	sedimentary (other)
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Phase Name	Start Year	End Year	Estimate
operation	1961		False
EVENT: operating license granted	1995	1998	False
EVENT: operating license granted	1998	2003	False
EVENT: operating license granted	2003	2008	False
EVENT: operating license granted	2008	2011	False
EVENT: operation suspended	1991		False