



REPUBLIKA HRVATSKA

MINISTARSTVO ZAŠTITE
OKOLIŠA I ENERGETIKE

ENVIRONMENTAL INSPECTION IN CROATIA: IED AND EU ETS INSTALLATIONS

**8th EU ETS Compliance Conference
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75 inspectors in total operating through the Central office in Zagreb (Coordinated inspection coordinator) and 20 Offices within 3 Branch Units

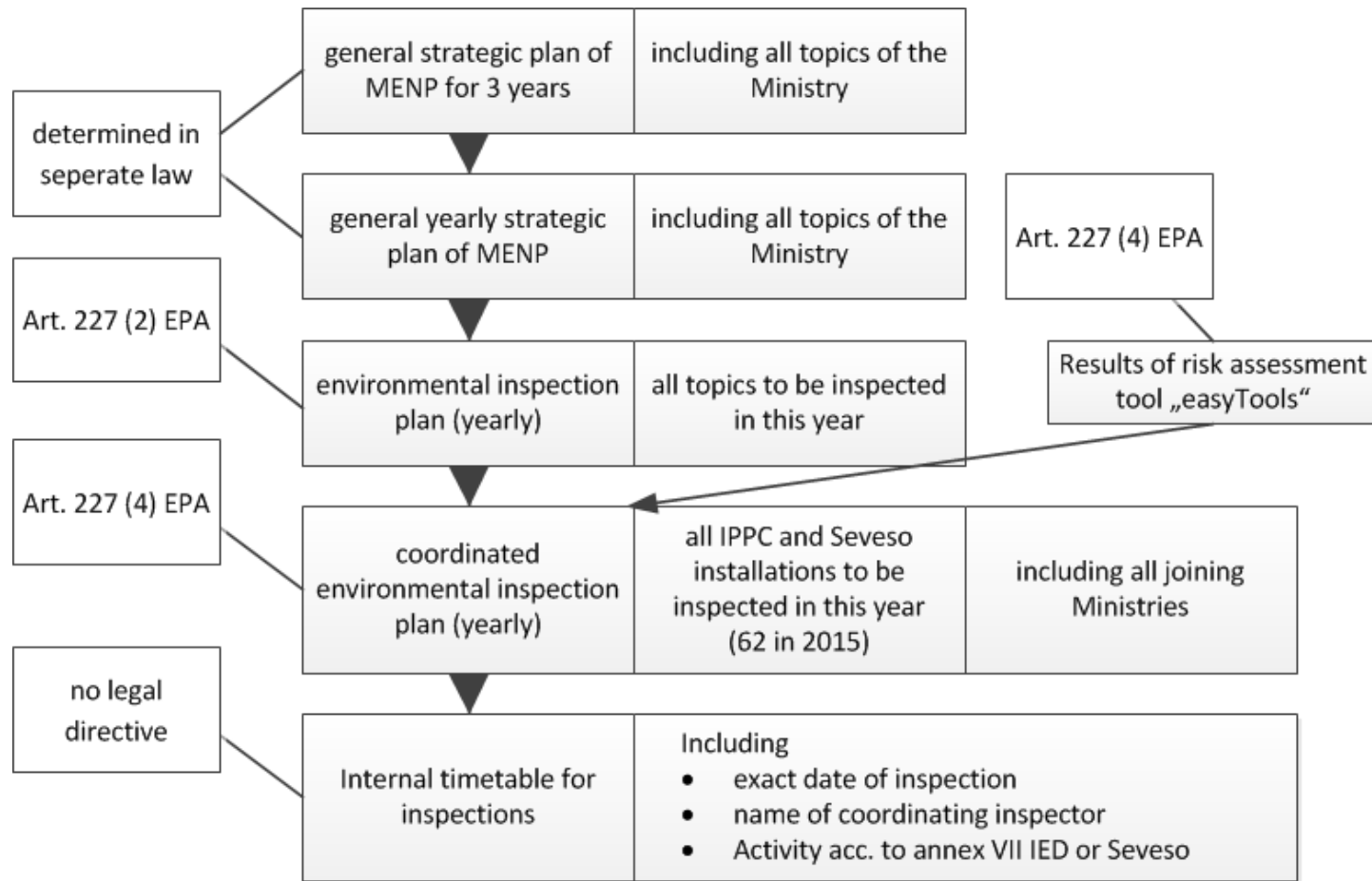


Inspection – legal basis

- Legal basis according to Art. 224 (3) Environmental Protection Act (Official Gazette 80/13, 153/13, 78/15)
- Coordinated inspections since 2007 according to Agreement on cooperation between inspection services – installations with significant environmental impact (Annex I IE Directive)



Inspection – planning (1)



Inspection – planning (2)

PLAN RADA INSPEKCIJE ZAŠTITE OKOLIŠA ZA 2017. GODINU

I kvartal	II kvartal	III kvartal	IV kvartal
Koordinirani inspekcijski nadzori temeljem Sporazuma o suradnji inspekcijskih službi u području okoliša			
Nadzor provedbe mjera zaštite okoliša u rješenjima o procjeni utjecaja na okoliš			
Nadzor prekograničnog prometa otpadom (luke, cestovni pravci, granični prijelazi...)			
Nadzor turističko - ugostiteljskih objekata (hotela)			
Nadzor proizvođača građevinskih proizvoda			
Nadzor ovlaštenika za gospodarenje otpadom			
	Nadzor odlagališta otpada		
	Nadzor reciklažnih dvorišta		
	Nadzor velikih izvora medicinskog otpada		
	Nadzor tiskara		
	Nadzor trgovačkih centara		
	Nadzor bioplinskih postrojenja		
	Nadzor obveznika dozvole za ispuštanje stakleničkih plinova		
	Nadzor velikih građevinskih tvrtki		
	Nadzor luka		
Suradnja u međunarodnim mrežama i njihovim projektima, te drugim aktivnostima u okviru međunarodnih institucija u svrhu razmjene iskustava o provedbi inspekcija u području zaštite okoliša, sudjelovanje u aktivnostima tehničkih radnih skupina, provedba projekata koji se provode u MZOE i drugim državnim tijelima u RH, stručno osposobljavanje.			
Priprema i izrada godišnjeg izvješća o radu, nadzori po prijavama; kontrolni nadzori i ostalo iz nadležnosti inspekcije zaštite okoliša.			

Inspection – planning (3)

1. Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control) - Article 23. Environmental inspections:
 - Inspection plans
 - Systematic appraisal of the environmental risks of the installations concerned (1-3 years)
2. IMPEL Easy Tools



European Union Network for
the Implementation and Enforcement
of Environmental Law

Inspection – IRAM Easy Tools (1)

The screenshot displays the 'Integrated Risk Assessment for Inspection Planning' web application. The interface includes a browser window at the top with the URL <https://www.fms.nrw.de/lip/content.do>. Below the browser, there is a navigation bar with 'English' and 'Log off' options. The main content area features a 'Data Browser' section indicating '0 records are currently selected.' and a toolbar with various icons and a numeric keypad (1-5). Below this is a table with the following columns: nameInspector, inspektionObject, identificationNumber, inspection task, risk category, inspection category, inspection frequency, latest inspection date, status, and inspection group. The table contains 9 rows of data, with the first row being a header and the subsequent 8 rows representing individual inspection records.

	nameInspector	inspektionObject	identificationNumber	inspection task	risk category	inspection category	inspection frequency	latest inspection date	status	inspection group
Apply filter	X			Nadzor IED po				≥ 01.01.2017 ≤ 31.12.2017		
<input type="checkbox"/>	1 Elizabeta Mifka	Zagrebacka pivovara d.o.o.	82	Nadzor IED postrojenja	3	B	12	02.02.2017	completed	
<input type="checkbox"/>	2 Dubravka Pajkin Tuckar	CIOS MBO d.o.o.	178	Nadzor IED postrojenja	3	B	12	17.02.2017	in use	
<input type="checkbox"/>	3 Jadranka Krstelj	INA d.d., SD Rafinerija i marketing, RNR	12	Nadzor IED postrojenja	3	C	12	22.02.2017	completed	
<input type="checkbox"/>	4 Ivana Kuzmanic	BRODOSPLIT d.d.	64	Nadzor IED postrojenja	3	B	12	04.03.2017	completed	
<input type="checkbox"/>	5 Miljenka Klicek	MIV d.d.	21	Nadzor IED postrojenja	3	B	12	14.03.2017	completed	
<input type="checkbox"/>	6 Elizabeta Mifka	HEINEKEN HRVATSKA d.o.o	81	Nadzor IED postrojenja	3	B	12	22.03.2017	completed	
<input type="checkbox"/>	7 Marijana Bozicevic	P.P.C. Buzet d.o.o.	28	Nadzor IED postrojenja	3	C	12	08.04.2017	completed	
<input type="checkbox"/>	8 Jadranka Krstelj	SIPRO d.o.o.	154	Nadzor IED postrojenja	3	B	12	09.05.2017	completed	
<input type="checkbox"/>	9 Marijana Bozicevic	ULJANIK	150	Nadzor IED	3	C	12	09.07.2017	completed	

Lucom Interaction Platform © Release 3.2.8

HR 10:43 2.11.2017.

Inspection – IRAM Easy Tools (2)

The screenshot displays the IRAM Easy Tools web application interface. The browser address bar shows the URL: <https://www.fms.nrw.de/lip/form/display.do?%24context=5275537E53AB7C1A11F0>. The page title is "Operator performance criteria".

The interface includes a toolbar with various icons for file operations and a status bar indicating "Record 1 of 1 modified".

Operator performance criteria

	Weight of criteria	Score
Sustav upravljanja okolisem	<input type="text" value="1"/>	<input type="text" value="0"/>
Reakcija operatera na utvrđene nepravilnosti	<input type="text" value="1"/>	<input type="text" value="0"/>
Uskladjenost operatera s okolisnom dozvolom	<input type="text" value="1"/>	<input type="text" value="1"/>

Mean of operator performance

Risk Scores and Inspection Profile

Impact criteria

	Risk profile	Inspection weight	Inspection profile
Emisije onečiscujucih stvari u zrak	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Nastajanje otpada	<input type="text" value="2"/>	<input type="text" value="1"/>	<input type="text" value="2"/>
Rizik od nastanka velike nesreće/skladistenje opasne	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>
Emisije onečiscujucih stvari u vode	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>
Emisija buke	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>
Utjecaj na ljudsko zdravlje i okolis	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="1"/>
Osjetljivost okolisa u neposrednj blizini operatera	<input type="text" value="4"/>	<input type="text" value="1"/>	<input type="text" value="4"/>

The Windows taskbar at the bottom shows the system clock as 10:41 on 2.11.2017.

Inspection – EU ETS 2017

- 54 EU ETS installations
- Check-list prepared, based on EC DRAFT Guidance Document on EU ETS Inspections

Inspection – permanent education

1. Networking (IMPEL, peer-to-peer)

2. Projects – strenghtening inspection capacities:

- Inspection of IED installations
- Air quality and EU ETS

EU ETS in Croatia – SWOT analysis

Strengths:

- Good inspection capacities
- Serious operators
- Experienced CA

Weaknesses:

- Old installations
- Possible future lack of experts
- 8 installations closed (10% of total ETS installations)

Opportunities:

- Good cooperation between operators and CA
- Implementation of new technologies

Threats:

- Crisis in building sector
- old installations – big expences

THANK YOU!

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