

# SWIM and Horizon 2020 Support Mechanism


Working for a Sustainable Mediterranean, Caring for our Future

## Real life case studies on inspection issues

Tiberio Daddi

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This exercise aims to raise discussion among the participants in order to compare the behaviours adopted by the inspectors when identifying possible environmental non conformity.

In the next slides some real life cases that could happen during an on site visits, you will be invited to describe how you would approach to them during the inspection.

# Case 1: Oil spill

During an on site visit you observe an oil spill from some oil tanks in the area where are carried out mechanical maintenance.

The oil spill occurred in a paved area.



**What will you further investigate in this case? Which questions will you ask to the environmental manager? Which kind of action would you impose or suggest to prevent these accidents?**

# Case 1: Oil spill



## Case 2: hazardous and non hazardous waste mixed

During an on site visit you observe that in the waste deposit are present hazardous and non hazardous waste mixed.



## **Case 2: hazardous and non hazardous waste mixed**

**How relevant is this not conformity? Do you need additional info?**

**Which environmental risk could cause?**

**Would you impose a sanction?**

**What would you ask to improve the situation?**

# Case 3: air emissions permit is expired

During an inspection you find an air emission permit expired.



# Case 3: air emissions permit is expired

**How relevant is this not conformity? Do you need additional info?**

**Would you impose a sanction?**

**What would you ask to improve the situation?**





## Case 4: a new chimney is appeared

You inspected the same plant after 4 months from the previous visit.

During the second inspection you notice that the plant on the roof has installed a new chimney.



## **Case 4: a new chimney is appeared**

**How do you react? Do you need additional info?**

**Which environmental risk could cause?**

**Would you impose a sanction?**

**What would you ask to improve the situation?**

# Case 5: old water emissions analysis overcome some Emissions Limit values

During an inspection the environmental manager gives you an analysis carried out by a laboratory 3 years ago where you see that COD overcome the emissions limit values imposed in permit or by law.



**POLITEC**  
Servizi tecnici e ambientali integrali per le aziende  
 Laboratorio di analisi chimico-ambientali

Strada 10/10 - 20133 Milano - Tel. 02/576001 - Fax 02/576002 - Email: info@politec.it - Website: www.politec.it

**CERTIFICATO DI PROVA (RAPPORTO DI PROVA)**  
 n° 347 del 06/03/07

committente: OME METALLURGICA ERBESE S.R.L. Via Milano, 15 22036 ERBEA CO

Campione di ambienti di lavoro - Campionamento personale (numero 0000/0X)

Dati relativi al campionamento (prelievo effettuato a cura e sotto la responsabilità del laboratorio, secondo procedure generali di campionamento, come il soggetto destinatario: Prelievo eseguito da Per. Inf. Francesco Masetti), Campione prelevato da: xxx, prelievo in data 02/03/07 alle ore 14.30 prelevatore al prelievo: xxx

Analisi in laboratorio il 02/03/07 alle ore 19.00 a temperatura dell'ambiente o dei trattamenti ambiente (rapporto effettuato da Per. Inf. Francesco Masetti); condotte in conformità al protocollo.

Le analisi sono iniziate il 02/03/07 e sono terminate il 06/03/07. Suvo differenti accordi o obblighi legali, se ciò è materialmente possibile, dopo l'analisi i campioni vengono conservati presso il laboratorio per 30 giorni dal momento del risultato, quindi estirpati o risultati al cliente.

Il presente certificato si compone di numero 1 pagine - è valida la riproduzione parziale senza autorizzazione del laboratorio. I risultati analiti si riferiscono esclusivamente al campione esaminato, salvo precisazioni al contrario.

**RISULTATI ANALITICI**

parametri di tipo chimico/fisico	risultato - unità di misura	espr. correa	limitazione - unità di misura (C-2,3,4, p-001)
* Cromo	inf. a 0,001 mg/m3	Cr	
* Manganese	0,003 mg/m3	Mn	
Materiale componente nei fumi di saldatore	0,50 mg/m3		
Nichel	inf. a 0,001 mg/m3	Ni	
* Silicio	inf. a 0,001 mg/m3	Si	

Responsabile parametri di tipo chimico/fisico (Francesca G. Masetti)

**Criteri di confronto applicabili**  
 AGGI 2004 - Giornale degli Ispettorati Industriali

parametro	lim. acc. I/M	val. guida I/M	lim. inf.	lim. sup.	unità	g. e. max.
Cromo	0,0				mg/m3	
Materiale componente nei fumi di saldatore	0				mg/m3	
Nichel	1,0				mg/m3	
Silicio	10				mg/m3	

Civiltà Professionale (ISOMEG 17025:1999 - punto 5.10.2)  
 Si riferisce esclusivamente al campo di applicazione dell'accertamento.

I valori riscontrati per i parametri ricercati rispettano i limiti imposti dalla normativa vigente.

**Luca F. Masetti**  
 Politec  
 Linea Certificata  
 UNI EN ISO 9001:2008  
 UNI EN ISO 14001:2004  
 UNI EN ISO 45001:2018

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# **Case 5: old water emissions analysis overcome some Emissions Limit values**

**How do you react? Do you need additional info?**

**Would you impose a sanction?**

**What would you write in your inspection report?**

# Case 6: the fuel used in the boiler is changed

During an inspection you are consulting some documents and you noticed that the company has replaced the boiler, the previous boiler was fed with oil now the new boiler uses methane gas.



# Case 6: the fuel used in the boiler is changed

**What you would request to the company?**

**Is it a non conformity?**

# Case 7: complaints from local communities about noise

You receive an email on the official email address of the inspection agency. The email complains about noise derived from an industrial company located close to the house of the sender of the email



# **Case 7: complaints from local communities about noise**

**What will you do?**

**Will you go to visit the company or will you send written communications?**

**Will you ask noise impact analysis?**



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Thank you for your attention.

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