

Environmental Inspection Plan For Samsun

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Aim and Scope of the Plan

Planning Period:

July 2013 – December 2014

Scope:

Installations in Samsun that are listed in Annex-1 and Annex-2 of By-law on Environmental Permits and Licenses

Aim:

To plan routine inspections of the installations that are subject to inspections and to define procedures for non-routine inspections (complaints, accidents etc).



Duties

Duties of the Section for Environmental Management and Inspections are;

- ☐ Combined and media-based environmental inspections, EIA monitoring, SEVESO inspections
- ☐ Market surveillance and inspection
- ☐ To control wastewater monitoring systems
- ☐ To monitor receiving bodies
- ☐ To control continuous emission monitoring systems
- ☐ To follow air quality measurement
- ☐ Inspection of fuel and emissions of apartments/houses
- ☐ To give sanctions in the scope of Environmental Law if necessary



Related Legislation

Inspection work is carried out in terms of Environmental Law and all the legislation coming into force in the scope of this law.



Risk Criteria

Impact on Environment

- Type of installation
- Wastewater discharge
- Air emission
- Waste management
- Location
- Safety

Operator Performance

- Compliance
- Attitude
- Environmental management system
- Permit and license status

Example for Risk Criteria (Impact on Environment)

Criteria		Score
Waste Management	0-20.000 kg/year non-hazardous waste or 0-500 kg/year hazardous waste is produced	1
	20.001-100.000 kg/year non-hazardous waste or 501-2.000 kg/year hazardous waste is produced	2
	100.001-250.000 kg/year non-hazardous waste or 2.001-6.000 kg/year hazardous waste is produced	3
	250.001-1.000.000 kg/year non-hazardous waste or 6.001-12.000 kg/year hazardous waste is produced	4
	More than 1.000.000 kg/year non-hazardous waste or 12.000 kg/year hazardous waste is produced	5

Example for Risk Criteria (Operator Performance)

Criteria		Score
Compliance	No administrative sanctions applied	-1
	1 administrative sanctions applied in last 3 years	0
	2 or more administrative sanctions applied in last 3 years	1

Situation in Samsun

- 209 Annex-1 or Annex-2 installations are taken into the plan.
 - ✓ 27 Annex-1 installation
 - ✓ 173 Annex-2 installation
 - ✓ 9 Annex-2 installation (exempt from permits)



Situation in Samsun

Data gathering

- Some of the data is gathered from the installations by using a questionnaire.
- Online Permitting System, compliance records of installations kept by the provincial directorate and previous observations of inspectors were also used.

Situation in Samsun

Impact on Environment Weighting Term

- | | |
|------------------------|----|
| ■ Type of installation | 0 |
| ■ Wastewater discharge | 0 |
| ■ Air emission | 0 |
| ■ Waste management | 0 |
| ■ Location | -1 |
| ■ Safety | -1 |



Situation in Samsun

Operator Performance	Weighting Factor
■ Compliance	1
■ Attitude	1
■ Environmental management system	1
■ Permit and license status	3

Risk Assessment for Samsun

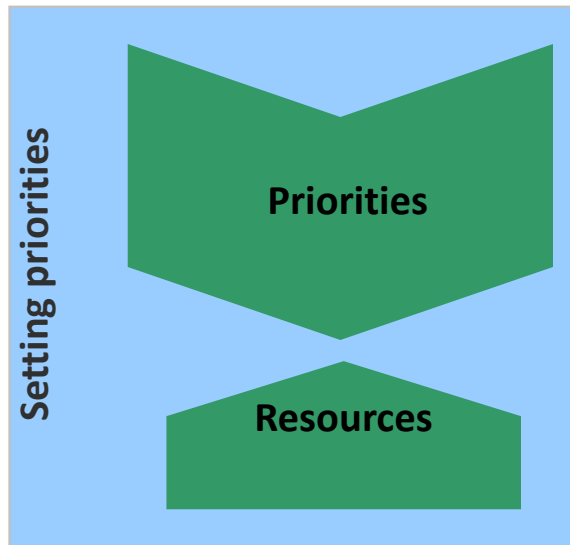
Categorization of installations

Risk Score	Risk Category	Inspection Frequency	Number of Ins.
1	Very low	Once per 6 years	40
2	Low	Once per 5 years	47
3	Medium	Once per 4 years	64
4	High	Once per 3 years	47
5	Very high	Once per 2 years	11
Total			209

Targets and Strategies



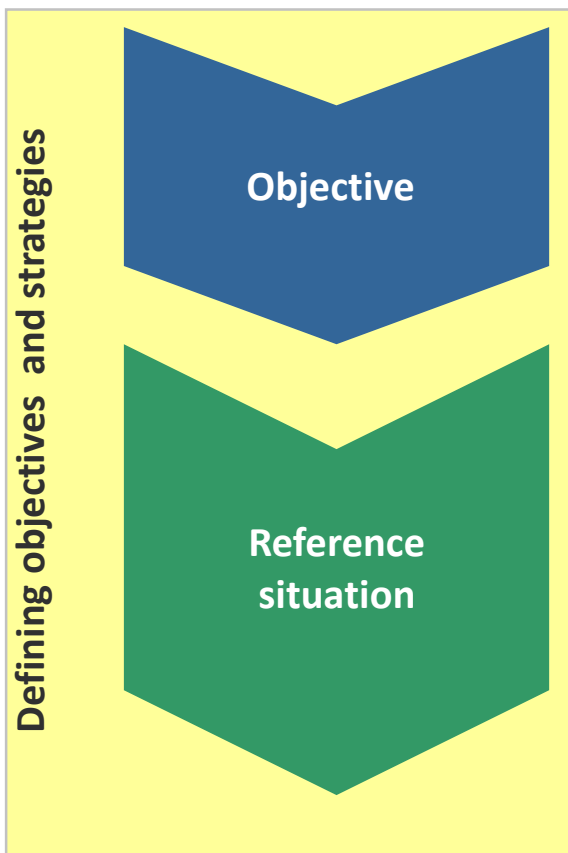
Increasing the compliance level of installations with the Environmental Law



Installations without a permit are prioritized by giving a high weighting factor to permit and license status during risk assessment.

This work will be done by 10 inspectors.

Targets and Strategies



Increasing the compliance level of installations that are listed in Annex-1 and Annex-2 of By-law on Environmental Permits and Licenses

The baseline situation:

- ✓ 55% of installations have a Temporary Activity Certificate, Environmental Permit/License, or Exemption document
- ✓ 45% of installations do not have a Temporary Activity Certificate

Targets and Strategies

Defining objectives and strategies

Targets
&
Performance
indicators

Target:

✓ 80% of installations will have a Temporary Activity Certificate, Environmental Permit/License, or Exemption document by 1st of January 2015.

Performance indicators:

- ❖ Number of installations having a Temporary Activity Certificate, Environmental Permit/License, or Exemption document
- ❖ Amount of medical waste sent to sterilization facility
- ❖ Number of inspections
- ❖ Number and amount of sanctions
- ❖ Number of complaint and number of inspections carried out due to complaints

Targets and Strategies

Defining objectives and strategies

Strategies

Inspection strategies

- ☐ Installations without a Temporary Activity Certificate will be prioritized
- ☐ Administrative sanctions will be given according to Environmental Law Article 20 in case of any non-compliance
- ☐ In addition to sanctions, time will be installations for correction of the non-compliance and follow-up inspections will be carries out
- ☐ Waste inspections will be carried out in medical establishments
- ☐ Combined inspections will be carried out if an installation has a score equal to or more than 2 for risk criteria on wastewater discharge, air emission and waste management at the same time
- ☐ Type of inspection for other installations will be decided by the inspectorate

Targets and Strategies

Defining objectives and strategies

Strategies

Communication strategies

- ☐ Inspection reports and annual inspection report will be sent to the ministry.
- ☐ Public and other stakeholders will be informed with the annual inspection report.
- ☐ Complaint holders will be informed about the results of the inspection carried out due to their complaint.
- ☐ Information will be given other institutions if necessary.

Targets and Strategies



- Site visits (media based and combined inspections)
- Making sure that installations take necessary measure
- Carrying out follow-up inspections to see whether the measures are taken or not
- Carrying out non-routine inspections in case of complaints, accidents etc.



- Performance will be monitored by using the performance indicators.



Inspection Program

32% of working time of 10 employees will be allocated for routine inspections.

Number of annual routine inspections

Risk Category	Number of Inspections
Very low	7
Low	9
Medium	16
High	16
Very high	6
Total	54

Inspection Program (July – December 2013)

Ek-3 Denetim Programı (2013/2)

Denetim No	Tesis Sıra No	Tesis adı	2013						Denetçiler	Risk Puanı	Denetim Tarihi
			Temmuz	Ağustos	Eylül	Ekim	Kasım	Aralık			
1	18	AKPET AKARYAKIT DAĞITIM A.Ş./SAMSUN DOLUM TESİSİ			B					5	
2	28	HADDE METAL <u>SAN VE TİC.LTD.ŞTİ</u>			B					5	
3	114	BAFRA KUM ÇAKIL MADENCİLİK ÜRETİM PAZARLAMA İNŞAAT TAAHHÜT SANAYİ VE TİCARET LİMİTED ŞİRKETİ				B				5	
4	19	BAHRİYE TURAL-ÖNDER DÖKÜM SANAYİ					H			4	
5	27	REKOR TOPRAK A.Ş.					H			4	
6	46	STAR CAM MOZAİK <u>İNŞ.SAN.VE TİC.LTD.ŞTİ.</u>		A						4	
7	62	BORPANEL MOBİLYA ORMAN ÜRÜN. VE İNŞ. MALZ. SAN. VE DİŞ TİC. A.Ş.						H		4	
8	104	BAFRA BETON İNŞ. MAD. SAN. VE TİC. LTD. ŞTİ.						H		4	
9	110	AKKİSAN KİREÇ SAN. VE TİC. LTD. ŞTİ.			H					4	
10	116	OKUR-SA MADENCİLİK NAKLİYAT SANAYİ TİC. LTD.ŞTİ.			H					4	



Review and Revision

- ❖ Plan will be reviewed annually by using the targets and indicators.
- ❖ Plan will be revised if necessary.



Thank you...