
















2005 OBJECTIVES, TARGETS AND PERFORMANCE (BY SECTORS)

EXPLORATION & PRODUCTION (EP)

No	Parameter	Objective	Target	Performance	
OCCUPATIONAL HEALTH					
	Total Reportable Occupational Illness Frequency (TROIF)	Monitoring effectiveness of control at work	1.5	1.45	
SAFETY					
1.	Lost Time Injury per million hours (LTIF)	Pursue the goal of no harm to people	No Target set	0.8	
2.	Total Reportable cases per million exposure hours (TRCF)	Pursue the goal of no harm to people	1.35	1.8	
MANAGING WASTE					
1.	Weight or tonnage of waste	Control and minimise all solid (hazardous & non hazardous wastes)	Hazardous waste generated - no target set	43.7 KT hazardous waste generated	
			Non-hazardous waste generated - no target set	251.0 KT non-hazardous waste generated	
PROTECTING AIR & WATER					
1.	HC to Flare (gaseous emissions)	Reduce and eliminate continuous gas flaring, except for emergencies	403.3 kilo tonnes	256.9 kilo tonnes	
2.	HC Emissions to Vent	Eliminate continuous gas venting	14.8 kilo tonnes	9.2 kilo tonnes	
3.	Weight of CFC/HCFC	Zero losses of Halon and CFC	Zero CFC losses	Zero CFC lost; all removed & relinquished to Halon Bank in 2003	
			No target set for HCFC losses	1884 kg of HCFC lost to atmosphere	
4.	Oil in effluent discharge into the sea	Monitor/Control oil in produced water from the operations	18.0 mg/l (Bintulu Integrated Facility)	17.4 mg/l	
			22.4 mg/l (Labuan Crude Oil Terminal)	24.8 mg/l	
			9.0 mg/l (F6 Production Facility)	15.3 mg/l average	
5.	Weight/Tonnage of oil	Zero reportable oil spills	0.0	28.9 tonnes of hydrocarbon spilled from 3 minor incidents	

LEGEND:

-  On target or better than the target set
-  Performance without a target set in 2005
-  Unfavourable against target set

GAS & POWER (Shell MDS)













No	Parameter	Objective	Target	Performance	
HEALTH					
1.	Total Reportable Occupational Illness Frequency (TROIF)	Monitoring effectiveness of control at work	0.0	0.0	●
2.	Sickness Absence	Use of health promotion & prevention programme	0.5	0.51	●
3.	Implementation of Minimum Health Management System		Level 3.0	Level 3.09	●
SAFETY					
1.	Lost Time Injury per million hours (LTIF)	Pursue the goal of no harm to people	0.0	0.0 (Shell MDS achieved 13.5 million exposure hours without LTI on December 31, 2005)	●
2.	Total Reportable cases per million exposure hours (TRCF)	Pursue the goal of no harm to people	1.0	0.8	●
MANAGING WASTE					
1.		Control and minimise all solid (hazardous & non hazardous) wastes in our operations	No target set	1636.00 MT 632.00 MT of scheduled waste disposal to DOE approved disposal	●
PROTECTING AIR & WATER					
1.	Weight of HC gaseous emissions	Reduce and eliminate continuous gas flaring, except for emergencies	Eliminate continuous gas flaring by 2008	No flaring on normal plant operation achieved since 2004	●
2.	Weight of HC gaseous emissions	Eliminate continuous hydrocarbon venting	Eliminate continuous gas flaring by 2008	No venting conducted in 2005	●
3.	Legislative limit for oil in effluent discharge near shore is 10 mg/l	To operate within the allowable limit	-	Average oil in water in 2005 was 0.78 mg/l	●

LEGEND:





- On target or better than the target set
- Performance without a target set in 2005
- Unfavourable against target set

2005 OBJECTIVES, TARGETS AND PERFORMANCE (BY SECTORS)






DOWNSTREAM (Shell Refining Company)

No	Parameter	Objective	Target	Performance	
HEALTH					
1.	Total Reportable Occupational Illness Frequency (TROIF)	• Monitoring effectiveness of control at work	0.0	0.0	
2.	Sickness Absence	• Use of health promotion & prevention programme	0.8% is the target set for Short Term Sickness Absence and not on the Overall Sickness Absence, which was inclusive of long-term sickness absence.	1.08% (Inclusive of Short term and Long term sickness absence) (Long term Sickness Absence: 0.43% Short Term sickness Absence: 0.65% vs target of 0.8%, which is within our set target	
SAFETY					
1.	Lost Time Injury per million hours (LTIF)	Pursue the goal of no harm to people	0.0	0.0	
2.	Total Reportable Cases per million exposure hours (TRCF)	Pursue the goal of no harm to people	1.5	0.6	
MANAGING WASTE					
1.	Weight or HC gaseous emissions	Control and minimise all solid (hazardous & non hazardous waste)	Hazardous waste generated: 3000 MT	Hazardous waste generated: 2038 MT	
2.	Weight/Tonnage of catalysts	Monitor sludge generated from operations	No target set	1655 MT catalyst generated and recycled. Reduced catalyst due to Major Turnaround	
3.	Weight/Tonnage of sludge	Monitor sludge generated from operations	No target set	1592 MT sludge produced	
4.	Weight/Tonnage of waste oil recovered from sludge	Monitor waste oil recovered	No target set	56.7 MT	
PROTECTING AIR & WATER					
1.	Weight /Tonnage of oil	Zero reportable oil spills	1	270	
2.	Weight of HC gaseous emissions	Monitor flaring in all refinery combustion processes	No target set	29,763 MT of excess gas flared	
3.	Weight of SOx gaseous emissions	Monitor SOx emission	0.103 MTSOx emitted/100MT of refinery throughout	0.11 MT SOx emitted/100MT of refinery throughout.	
4.	Legislative limit is at 10.0 mg/l maximum allowable for near shore discharge	Monitor/control discharged effluent quality.	Discharge effluent quality to be in compliance with legal limits and Shell Group requirements during normal operations	Average oil in discharged effluent in 2005 was 6.6 mg/l	




DOWNSTREAM (Retail)

No	Parameter	Objective	Target	Performance	
HEALTH					
1.	Total Reportable Occupational Illnesses Frequency (TROIF)	Monitoring effectiveness of control at work	2.36	0	
SAFETY					
1.	Fatal Incidents		0	0	
2.	Total Reportable cases per million exposure hours (TRCF)	Pursue the goal of no harm to people	0.79	0.93	
PROTECTING SOIL & GROUNDWATER					
1.	Meet Environmental targets for spills > 100kg tonnes		0	0.55	

DOWNSTREAM (Distribution)








HEALTH					
1.	Compliance to Minimum Health Management Standards	Pursue the goal of no harm to people	2.5	2.85	
SAFETY					
1.	Fatal Incidents	Pursue the goal of no harm to people	0	0	
2.	TRCF (Total Reportable Cases per million exposure hours)	Pursue the goal of no harm to people	1.19	1.18	
3.	LTIF (Lost Time Injuries per million exposure hours)	Pursue the goal of no harm to people	0.4	1.18	
PROTECTING SOIL & GROUNDWATER					
1.	Sustainable Development: Spills > 100 kg (Tonnes)	Protect the environment	5	1.07	

LEGEND:




-  On target or better than the target set
-  Performance without a target set in 2005
-  Unfavourable against target set

2005 OBJECTIVES, TARGETS AND PERFORMANCE (BY SECTORS)

SHELL GAS (LPG)

No	Parameter	Objective	Target	Performance	
HEALTH					
1.	Total Reportable Occupational Illnesses Frequency (TROIF)	Monitoring effectiveness of control at work	0	0	
2.	Minimum Health Management System Assessment Tool Score	Monitor the effectiveness of MHMS implementation	2.8	2.9	
SAFETY					
1.	Fatal Incidents per 100 million km	Pursue the goal of no harm to people	0	0	
2.	Lost Time Injury per million exposure hours (LTIF)	Pursue the goal of no harm to people	0.5	0.52	
3.	Total Reportable Cases per million exposure hours (TRCF)	Pursue the goal of no harm to people	1.0	0.52	
4.	Potential Incident reporting	Proactive reporting of potential incidents for learning purposes	4000	4112	
5.	Safety Road Checks	Proactive checking the performance of Shell trucks on the road to enhance road safety	2800	3432	

LEGEND:

-  On target or better than the target set
-  Performance without a target set in 2005
-  Unfavourable against target set