

Middle East, North Africa & West Asia Diesel Sulphur Matrix

COUNTRY	CURRENT STATUS Diesel Sulphur Content (ppm)	COMMENT
Algeria	900	Very sweet crude. No plans to process crude further.
Bahrain (GCC)	500/10	Effective April 2008. Produces up 10ppm for export demand. Local available is 500ppm.
Egypt	5,000	No Plans to reduce levels, Standard 10,000ppm.
Iran	5,000	Standard 10,000 ppm
Iraq	10,000	Standards 25,000 ppm. No plans. Significant quantities of fuels imported from Kuwait and actual quality estimated to be 2,000ppm
Israel	10	Follows EU standards and from January 2009 effected 10ppm
Jordan	7,000-10,000	Actual Standard is 350ppm based on international standard 14596 but operating on government waiver. Plan to be reduced to 50 ppm after planned refinery expansion is completed
Kuwait (GCC)	2,000	Imported 50ppm Cargo in March 2009 from European refinery. Announced plans in 2008 for Clean fuels project for 2012 for 10 ppm delayed to 2013.
Lebanon	Industrial grade 5,000 Vehicle grade 500	Imported. Information gathered from traders suggest two grades marketed
Libyan Arab Jumhuriya	1,000	Standards at about 1,500 ppm
Morocco	50	Effective January 2009
Oman (GCC)	50	Oman oil refinery company has installed a diesel-hydro-sulphurisation unit and adopted the ISO-14001:2004 standard on environmental management that provides for the reduction of sulphur from the fuels. Official specification standard is 500 but actual fuels quality is less than 50ppm from July 2008.
Palestine	10,000	Gets fuel from Jordan which is at 10,000 ppm
Qatar (GCC)	500	Announced Road map plans in 2006 for 10ppm by 2010 now postponed possibly to 2012.
Saudi Arabia (GCC)	500	Whilst current Standards are at 10,000ppm, the diesel hydrotreater at Ras Tanura was commissioned in 2011 and the country is now on 500 ppm sulphur fuel except for small area in the Kingdom." Country announced a 2020 Road Map in 2008 to go to 50ppm and lower by 2013/2014. Plans to go to 500ppm by end 2010, now met in 2011. Most cities are at 800ppm.
Syria	7000(6,500)	Actual Standards 7,000 ppm. Announced Plans in 2008 to go to 50 ppm 2015. Import of 50ppm for selected cities planned in 2009.
Tunisia	50	National standards (NT 04.47), 2003 reduction of

		Sulfur from 10.000ppm to 350ppm effective 2007. Actual refinery production is 5,000ppm but closed for modernisation in Oct 2010. Effective 2009 a new standard (EN 590 January 2005+AC) adopted for gasoil 50ppm and gasoil 10ppm to conform to European standards. Imports effective Oct 2010 at 50ppm. <i>[Ministry of Environment, April 2010]</i>
United Arab Emirates (GCC)	500	Announced Plan in 2007 for 50ppm by 2010 but not yet effected. Commenced 50ppm in Dubai city with introduction of Euro IV buses in 2009.
Yemen	10,000	No current Standards. Domestic crude is somewhat sweet, but exported. Plans to build new refinery and looking to modernise existing ones. Time frame not known.
Total: 19 countries		

References:

<http://www.hydrocarbons-technology.com/projects/sohar/>: accessed on July 28, 2008, at 5.30 pm

http://www.orc.co.om/business_process.shtml: accessed on July 28, 2008, at 5.30 pm

International Fuel Quality Center (IFQC)