



European emission legislation (IED) compliance deadlines for LM1600, LM2500 & LM6000 gas turbines on-shore & offshore

The European Industrial Emissions Directive (IED) became effective as of January 1st, 2016.
The standard IED compliance deadlines for all European LM1600, LM2500 and LM6000 engines:

IED compliance dates for existing & new GT's	Engine type	January 2016	January 2017	January 2018	January 2019
On-shore > 50MWth	LM2500	•			
	LM6000	•			
On-shore < 50MWth	LM1600		•		
Offshore	LM1600				•
	LM2500				•
	LM6000				•



The major exceptions from IED compliance as of January 1st, 2016 are:
 LLD opt-out: an exception based on the total amount of engine running hours per year.
 TNP opt-out: an exception based on a special agreement with a local government.
 Offshore: an exception based on the offshore location of an engine.

Overview LLD opt-out, TNP opt-out and offshore exceptions from IED compliance as of January 1st, 2016

LLD opt-out (Limited Life Derogation) On-shore > 50MWth	LLD op-out: exception based on engine running hours per year	Deadline for achieving IED compliance	Available time to achieve compliance by applying a NOx reduction solution	Start selection process NOx reduction solution to comply with IED
LM2500 & LM6000	4000	June 1st, 2020	4 years	July 1st, 2018
	6000	January 1st, 2019	2,5 years	January 1st, 2017
	8000	April 1st, 2018	< 2 years	A.s.a.p.
TNP opt-out (Transitional National Plan) On-shore > 50MWth	TNP opt-out: exception by special agreement with a local government	Deadline for achieving IED compliance	Available time to achieve compliance by applying a NOx reduction solution	Start selection process NOx reduction solution to comply with IED
LM2500 & LM6000		June 1st, 2020	4 years	July 1st, 2018
Offshore	Offshore: exception based on offshore location of an engine	Deadline for achieving IED compliance	Available time to achieve compliance by applying a NOx reduction solution	Start selection process NOx reduction solution to comply with IED
LM1600, LM2500 & LM6000		January 1st, 2019	2,5 years	January 1st, 2017

For information about the available emission reduction retrofit solutions to achieve IED compliance contact cln@vbr-turbinepartners.com

<p>VBR Turbine Partners headquarters & warehouse Industrieweg Oost 6 6662 NE Elst (Gld) The Netherlands info@vbr-turbinepartners.com Phone: +31(0)88 010 9000 www.vbr-turbinepartners.com</p>	<p>VBR Turbine Partners UK service office Woodhall, Westoby Lane Barrow Upon Humber, Nth. Lincolnshire DN19 7DJ United Kingdom vbr.uk@vbr-turbinepartners.com Phone: +44 1469 533 337 www.vbr-turbinepartners.com</p>
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TURBINE PARTNERS
support beyond expectation

Invitation for LM2500 User Group Meeting on June 1st & 2nd at Shell Technology Center in Amsterdam, The Netherlands

All LM2500 (+, +G4) and PGT25 (+, +G4) owners and operators worldwide are invited to participate in the independent LM2500 User Group Meeting organized by the European Turbine Network (ETN) in association with GTUsers.com and hosted by Shell in Amsterdam.

Date & time: Wednesday June 1st and Thursday June 2nd, 2016
Location: Shell Technology Center, Amsterdam, The Netherlands
For information or registration contact LM2500@etn-gasturbine.eu

Overview VBR Turbine Partners open training courses in 2016

- LM2500/LM6000 course, October 10-14, Elst, The Netherlands
- Woodward Micronet course, October 24-28, Elst, The Netherlands

For information or registration contact training@vbr-turbinepartners.com



Overview gas turbine conferences & exhibitions in 2016

- Independent LM2500 User Group Meeting, June 1-2, Amsterdam, Netherlands
 - Power-Gen Europe, June 21-23, Milan, Italy
 - Offshore Northern Seas (ONS), August 17-19, Stavanger, Norway
 - International Gas Turbine Conference, October 12-13, Brussels, Belgium
 - ADIPEC 2016, November 7-10, Abu Dhabi, United Arab Emirates
 - Independent LM User Conference, November 16-18, Amsterdam, Netherlands
 - Australian Gas Turbines Conference, November 23-24, Brisbane, Australia
 - Power-Gen International, December 13-15, Orlando, Florida, USA
- For information or a meeting contact* marketing@vbr-turbinepartners.com

<p>VBR Turbine Partners FZCO Middle East service office PO Box 17573 536, Techno Park Jebel Ali, Dubai, UAE</p>	<p>vbr.me@vbr-turbinepartners.com Phone: +971 563 758 975 www.vbr-turbinepartners.com</p>	<p>VBR Middle East Turbine Maintenance LLC PO Box 45841 Abu Dhabi United Arab Emirates</p>	<p>info@vbr.ae Phone: +971 563 758 975 www.vbr.ae</p>
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