

Middle East Lighting Association

The Newsletter
of the Middle East
Lighting Association
Number 1603



‘We are just forming an industry within a market situation
which doesn’t allow us to move fast.’

Philips chief emerges from ‘perfect storm’ from Lux Review 29 Feb 2016

A message from The President

Dear friends of MELA,

I would like to introduce our fourth newsletter which aims to showcase our activities to date but also provide information on our plans for 2016. We now track policy developments in a growing number of focus countries and we continue to see a raft of new regulatory initiatives targeting the lighting sector that have entered or about to enter into force in the coming months. As with other regions around the globe these initiatives aim to prohibit inefficient and low-quality light sources, control gear & luminaires from entering the GCC markets and effectively set new criteria for manufacturers & marketers of lighting products. This is particularly the case in KSA where discussions are currently progressing on registration and compliance which paves the way for the entry into force of the new residential lighting regulation.

It is also interesting to note that several high profile safety incidents attributed to faulty lighting systems in Dubai and Abu Dhabi have led to a discussion on protecting lighting specifications. Governments are giving more attention to standards across the region and for MELA the priority is getting those standards right. This development therefore fits well with the MELA vision to play an active role in supporting the development lighting policy that encourages good quality lighting products and systems in the region.

As you may now be aware, MELA’s principle objective is to represent the interests of the leading lighting product manufacturers, in their support to legislators across the Middle East region in drafting and implementing policy (standards and regulations) for lighting related products and services. In this issue we provide information on the most prominent mover countries starting to emerge in the lighting regulatory field, and we provide an idea of the scope of the various regulations and dates of entry into force, in order to anticipate the necessary business decisions.

As MELA progresses into its third year, the founding members are looking to bring new lighting companies on board, particularly those representative of the new lighting revolution and those with an interest in the Middle East region. Feel free to make yourselves known to us during the forthcoming lighting conference season later this year.

At the beginning of this year we had the opportunity to welcome two new members from Fagerhult and Forest Lighting who have applied and been accepted to join the MELA Board. They join our existing team to continue to provide strong and sustained input to make MELA a more effective association. We look forward to welcome more companies before the end of this year to build a stronger representative of the lighting industry interests in the region. I hope you find this edition of the newsletter useful. Please feel free to reach out to our Director Gerald Strickland gerald.strickland@middleeastlighting.org if you have any suggestions.

Paolo Cervini, President MELA



POLICY UPDATE

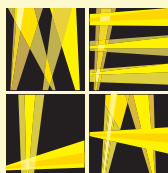
Energy consumption in the Middle East is amongst the highest in the world and still increasing, leading to a higher carbon emissions per capita than world average. *In the Middle East, lighting accounts for 22 per cent of energy use compared to a global figure of 19 per cent, so the opportunity is huge².* MELA members believe that part of the answer to addressing this challenge is to be found in intelligent lighting solutions that will allow cities, offices and individuals to both personalize their lighting solutions and save energy at the same time.









In the region we have seen a huge increase in interest for intelligent lighting solutions from office building owners, hotels and governments alike. This is a big change, but it shows that our member company customers now largely understand the impact of lighting on their energy footprint and other building management benefits delivered by intelligent lighting solutions. Lighting constitutes around 40% of a city's energy consumption and buildings make up to 60% of overall lighting use, so there are quick wins to be made by switching to energy efficient intelligent lighting.

The speed of change from conventional lighting components to energy efficient LED has been faster than predicted as most countries in the region quickly adopt new lighting technologies for high profile projects. Controls are the next disruptive technology and it's in addition to LEDs that controls will make a big difference. Currently however it appears that government bodies and municipalities across the region don't have the necessary liquidity, are not able to pay contractors, and this effect on the value chain means that projects are either on hold or cancelled altogether. For public and private companies there are also big opportunities but the sticking point also appears to be the initial capital cost. This had led to more conversations about financing, and one can start to see the emergence of performance contract management in the region, a relatively new trend and service.

In general however MELA members see as a long term trend strong demand for lighting and controls as governments increase their spending on nation building infrastructure such as roads, schools, houses and hospitals. Add to this the growth in overall population in many countries in the region and positive demand for more (especially) intelligent lighting solutions can be seen.



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Responsible Regulatory Authority	Regulatory Scope	Entry Into Force Date
 Bahrain Standards & Metrology Directorate	Non-directional light sources used in residential lighting	5 September 2015
 Egyptian Standards Organisation	Non-directional light sources used in residential lighting	28 July 2015
 Jordanian Standards & Metrology Organisation	Non-directional household light sources initially - followed by directional light sources	1 January 2016
 Qatar Ministry of Environment	Non-directional light sources used in residential lighting	1 May 2016
 Saudi Arabia Standards Organisation & Saudi Energy Efficiency Program	Non-directional & directional light sources used in residential lighting	Stage 1 (1 May 2016) Stage 2 (1 May 2007) Stage 3 (1 Jan 2019)
 Emirates Standards & Metrology Authority	Non-directional light sources used in residential lighting	1 Jan 2015
	Restriction of Hazardous Substances Regulation	1 May 2017

¹ Philips chief emerges from 'perfect storm' from Lux Review 29 Feb 2016

² <http://luxreview.com/article/2016/02/philips-chief-emerges-from-perfect-storm->

Developments GSO

Information gained so far this year in discussions with various standards authorities in the GCC is that the Gulf Standards Organisation is attempting to harmonise lighting performance standards across the region. Lighting regulations that have been adopted in 'first mover countries' such as UAE and Kingdom of Saudi Arabia are often forwarded to GSO for scrutiny & eventual adoption. The about to be adopted UAE Restriction of Hazardous Substances regulation is a potential candidate for this process.

SAUDI ARABIA

SASO 2870:2015 Part 1 lists energy efficiency, functionality and labeling requirements for lighting products. The Standard covers indirect and direct general light sources having a luminous flux above 60 lumens or below 12 000 lumens of the following directional/non directional technologies:

- ▶ Incandescent lamps
- ▶ Compact fluorescent lamps with integrated ballast (CFLi)
- ▶ Halogen lamps
- ▶ Light-emitting diode (LED) lamps (Incandescent retrofit types)
- ▶ Light-emitting diode (LED) lamps (Halogen retrofit types)

With regard to registration of lighting products within scope of SASO 2870:2015 please be aware that registration procedure is now open via the following link www.sls.gov.sa. Any lab outside KSA (manufacturer or independent lab) is accepted as long as they are ISO/IEC 17025 certified by an ILAC member or by a regional accreditation body in the scope of SASO 2870. Any lab inside KSA (manufacturer or independent lab) is accepted as long as they are ISO/IEC 17025 certified SAC in the scope of SASO 2870. Products imported into KSA will not be allowed to enter through customs after the enforcement date (1st of May 2016) if there is no proof of registration. See separate diagram for enforcement stages.



UAE

New market surveillance section for 'In market' & free zones control managed by Federal Committee against a quarterly plan of action. ESMA plans to shortly commence the process for the revision of the existing UAE Residential Lighting Regulation and to raise awareness/provide information to the market (in tandem with industry) on efficient lighting. Plans also to make companies on the official ESMA register 'more visible'. This year work will also commence on the UAE Commercial / Professional Lighting regulation.

UAE draft of the Restriction of Hazardous Substances Regulation is awaiting approval by Cabinet. It will officially be published in May 2016 and like enter into force by May 2017. From this date manufacturers, producers & importers of lighting products will need to provide evidence that products conform to the UAE RoHS regulation.

JORDAN

Regulation # 2091/2013 which is part of a suite of Technical Regulations on Ecodesign and Energy Labelling of Electrical Products entered into force on the 1st Jan 2016. No mandatory pre-registration of products is required. Companies can register on a voluntary basis & expect a smoother process with customs clearing. A Jordanian version of the Restriction of Hazardous Substances Regulation (RoHS) is expected in 2016.

EGYPT

Ministerial Decree no. 975/2014 mandates Egyptian Standard ES 7823/2014 "Energy Efficiency Requirements for Electrical Lamps". ES7823/2014 establishes requirements for labelling and providing supplementary product information and energy efficiency requirements for electrical lamps such as: Filament lamps, fluorescent lamps, compact fluorescent lamps, high-intensity discharge lamps & LEDs. Standard is allegedly in conformity with European directive (EU) No. 1194/2012, (EU) No. 874/2012 (however major discrepancies have been found & are being addressed).

QATAR

General Organisation for Standardisation has announces 'a ban on the importation and circulation of incandescent light bulbs (tungsten) 75W & 100W.' It appears from the public announcement that enforcement of the regulation will commence as of the 1st May 2016.

KUWAIT

Kuwait Conformity Assurance Scheme (KUCAS) governs exports to Kuwait. The scheme has been implemented by the Public Authority for Industry of the State of Kuwait (PAI) to verify the conformity of all 'Regulated Products' that are exported to Kuwait.' These guidelines are apparently diligently enforced.

- ▶ All consignments of imported goods that contain regulated products must be accompanied by a Technical Inspection Report (TIR) and a Technical Evaluation Report (TER).
- ▶ The TIR and TER are required to ensure smooth customs clearance of shipments in Kuwait.
- ▶ The TER confirms that the products comply with the relevant Kuwait technical regulations and approved international/regional/national standards. The TIR confirms that the goods comply Kuwaiti importation regulations.
- ▶ The authorities in Kuwait may take random samples from imported consignments to verify compliance.



These are some of the products covered in REGULATED PRODUCTS - GROUP 2 HOUSEHOLD & COMMERCIAL ELECTRICAL AND GAS APPLIANCES

Lampholders whether separate or forming part of luminaires and chandeliers.	8526.61 / 9405
Incandescent, florecent, discharge, LED & misc lamps.	8539.21.40 / 8539.22 / 8539.29.40 / 8539.31 / 8539.32 / 8541.40.20 / 8543.89.70
AC to DC power adaptors, power supplies, battery charges up to 500 VA, emergency lighting and UPS up to 1000 VA, neon transformers, ballasts, converters and starters for lamps.	8471.30 / 8504.10 / 8504.40.60 / 8504.40.70 / 8504.40.85 / 8504.40.95

New Executive Board Members join MELA

In January 2016 MELA welcomed two new companies to join its Executive Board:



Fagerhult represented by
General Manager
Mr. John Carruthers



Forest Lighting represented by
General Manager
Mr. Deepak Gupta

New Position Papers

Latest position papers to be added to the 'Industry Positions' tab on the MELA website (see <http://middleeastlighting.ae/industry-positions/>) are as follows:

- ▶ MELA position on Colour Quality - The Middle East Lighting Association (MELA) cautions against the establishment of regulatory or other minimum performance requirements for a colour rendering index (Ra) of greater than 80 for indoor lighting applications.....read more.
- ▶ MELA Make The Switch - MELA Vision For The Deployment of Efficient, Human Centric Lighting.
- ▶ Across The Middle East Region.