Below are articles and summaries of magnesium related stories. Members are asked to distribute the update to their employees – if their employees wish to receive the IMA Weekly Update, please send their email addresses to the IMA Head Office. We appreciate your company press releases and announcements for inclusion in the Weekly Update.

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INDUSTRY CALENDAR

March 28-30, 2012
Asian Metal’s World Magnesium Forum
Xi’an, Shaanxi Province, China
http://www.asianmetal.com/Events

April 3-5, 2012
U.S. EPA Hardrock Mining Conference 2012:
Advancing Solutions for a New Legacy
Denver, Colorado, USA
http://www.epa.gov/nrmrl/events/event04032012.htm

April 25-26, 2012
Global Automotive Lightweight Materials Initiative
London, United Kingdom
www.global-automotive-lightweight-materials.com

May 2-3, 2012
Automotive Metals Conference
Dearborn, MI USA
www.amm.com/EventDetail/4259/5th-Automotive-Metals-Conference.html

May 20-22, 2012
IMA 69th Annual World Conference
San Francisco, California, USA
www.imaworldconference.org

July 8-12, 2012
9th International Conference on Magnesium Alloys and their Applications
Vancouver, Canada
www.magnesium2012vancouver.com/welcome.html
ASSOCIATION NEWS

IMA 69th Annual World Conference: Magnesium – The Dream Metal

IMA Awards of Excellence – 2012 Call for Entries, deadline extended to February 29

IMA Environmental Responsibility Award – 2012 Call for Entries, deadline extended to February 29

Articles follow below

INDUSTRY NEWS

US Manufacturing Sector Continues to be Squeezed by Government Tariffs Slapped on Magnesium Imports – IMG
www.metal-pages.com (22-Feb-2012)

http://www.global-automotive-lightweight-materials.com (24-Feb-12)

Articles follow below

CHINA’S LATEST


China Magnesium Industry and Market Bulletin
www.chinamagnesium.net (20-Feb-2012)

Articles follow below

EDITOR’S NOTE: IMA makes every possible effort to substantiate the articles which appear in the Weekly Update. However, as this is not always possible IMA does not warrant the details nor accuracy of any given article. Please keep in mind that materials are attained through press releases, outside articles from numerous sources and publications. Such materials often contain opinions which are not that of the association nor should they be construed as such. We realize that in the case of some materials, the translations might often lead to less than perfect grammar, etc. It is our position however to print as submitted rather than take upon ourselves the editing of such materials which would entail potential changes unwanted by any given author.
IMA 69th Annual World Conference: Magnesium – The Dream Metal

The 69th Annual World Magnesium Conference will be held in San Francisco, California, USA from May 20 – 22, 2012. Visit www.imaworldconference.org to:

- Process your online Registration. It’s easy, safe and secure.
- Download the Attendee Brochure for a comprehensive outline of the Conference.
  - Check out the Technical Program. Review the list of Speakers and their scheduled topics of presentation.
  - Plan for your upcoming Networking Opportunities. Connect with Industry peers and friends.
  - Learn about the San Francisco area and read about the Optional Tours. PLEASE NOTE: A minimum of 25 people must register for each tour by Monday, March 19th or the events will be cancelled:
    - Wine Tour and Lunch in Yountville of Napa Valley (Monday, May 21)
    - San Francisco’s Conservatory of Flowers Tour and Lunch (Tuesday, May 22)
  - Print and Process your Registration form.
- Get important Travel and Lodging information
- Reserve your accommodations at The Fairmont San Francisco (Discounted prices available through April 29, 2012).

The World Magnesium Conference is the premier international magnesium conference that highlights the industry’s latest technological advances, innovative applications, and emerging developments in the global marketplace. The conference combines informative technical sessions, exhibits, networking opportunities, as well as social activities and tours for a well-rounded industry experience. In addition, winners of the 2012 Awards of Excellence—IMA’s competition recognizing outstanding magnesium products and innovative manufacturing technologies—will be announced during the World Magnesium Conference. Additionally IMA will recognize environmentally progressive and responsible companies in the 2012 International Environmental Responsibility Award competition.

As information about the 2012 World Conference becomes available, it will be reflected on the website www.imaworldconference.org and proactively sent out via targeted emails and the IMA Weekly Update.

We look forward to seeing you in May!

Standard Cancellation Policy
Conference Cancellations received by the IMA in writing by March 25 will qualify for a refund of 80%. Cancellations received by the IMA in writing by April 22 will qualify for a refund of 40%. No refunds will be given after April 22 due to Conference contractual service arrangements.

Any cancellations due to declined Visa applications will be refunded in full if the Visa application was submitted prior to March 15, 2012. Appropriate documentation is required. Cancellations due to declined Visa applications after March 15 will follow the standard cancellation policy noted above.
IMA Awards of Excellence – 2012 Call for Entries, deadline extended to February 29

Note: If you submitted an award for consideration and have not gotten confirmation from us please email the Head Office at info@intimag.org.

Established in 1962, IMA’s Awards of Excellence program is an annual program open to all companies demonstrating outstanding examples of magnesium’s use. Nominations are judged by a panel system of peer reviewers.

Fill out the entry form and submit it along with photos (digital in jpg or tif format, 300 dpi, or printed) of your entry and descriptive, supportive material. Digital materials are preferred. Original parts are not required as part of your entry. Winners will be required to supply samples for the 2012 Annual Conference.

You can download the entry form here or paste the URL in your browser: http://intimag.org/assets/pdfs/2012IMA_AwardsExcellBrochure.pdf

IMA Environmental Responsibility Award – 2012 Call for Entries, deadline extended to February 29

Note: If you submitted an award for consideration and have not gotten confirmation from us please email the Head Office at info@intimag.org.

IMA recognizes companies that are playing an active role in reducing the magnesium industry’s carbon footprint and that exemplify the industry’s commitment to environmental responsibility. The IMA International Environmental Responsibility Award will be presented each year at the IMA Annual World Magnesium Conference.

The award(s) are presented based on the achieved and documented reduction of carbon dioxide equivalents within the calendar year preceding the Annual World Conference. It is intended to include all aspects of the magnesium industry from primary production through to end-user industries. Judging will be conducted by an international panel of experts.

You can download the entry form here or paste the URL in your browser: http://intimag.org/assets/pdfs/2012IMA_Enviro_flyer.pdf

INDUSTRY NEWS

US Manufacturing Sector Continues to be Squeezed by Government Tariffs Slapped on Magnesium Imports – IMG
www.metal-pages.com (22-Feb-2012)

The maintenance of anti-dumping duties on imports of magnesium continues to restrict the ability of US manufacturers to compete globally, according to International Magnesium Group (IMG).

IMG, which is owned by Florida-based CD International Enterprises, said that duties are supposed to protect against cheap foreign imports flooding the market, but in the magnesium industry they were having the inverse effect and “suffocating” access to magnesium and elevating prices.

"High artificial import taxes, like those imposed on solar and steel and imported magnesium, simply detract from the ability of USA downstream manufacturers to be globally competitive. We hope our government will ease and remove these constraints," said IMG director Alex Markin.

IMG, which sources its magnesium from four production facilities in China, said the US magnesium industry faces a limited supply of affordable metal and the inability to compete globally against the backdrop of cheaper magnesium sources available abroad.
“Should a precedent continue to be set for magnesium, other industries are likely to fall prey to these oppressive protectionist policies that undermine our economy and make it impossible to compete globally. Lifting anti-dumping tariffs on magnesium alone would pave the way for a more robust American manufacturing industry," warned Markin.

The comments come as many downstream operators, particularly US die-casters, slammed a decision by the US Commerce Department in June to uphold a previous ruling to place an anti-dumping duty of 111.73% on magnesium from China’s Tianjin Magnesium International Co. Ltd. (TMI) for the period between May 1, 2007 and April 30, 2008.

It followed a decision in February by the International Trade Commission to revoked anti-dumping duties on imports of Russian magnesium, but Russian producers Solikamsk Magnesium Works and VSMPO-Avisma said they would not restart shipments.

Before the introduction of the tariffs in 2005, The North American Die Casting Association (NADCA) estimates that about 42 die-casters operated in the US. But this has been cut to about 24 today as the price of magnesium has risen to the point where domestic die-casters are not competitive.

IMG estimates that the US is forced to pay over $5,500 per ton for magnesium, while Europe only has to pay $3,200 per ton.

“This makes competition nearly impossible for US industries vying for business on global scale. US products become prohibitively expensive, while European competitors innovate through cheaper means; setting US manufacturing back even further at a time when the administration needs it to grow," said Markin.

IMG also said that for the US to achieve recently set CAFE Standards, which are aimed at lowering vehicle emissions and raise fuel economy, the automotive industry will largely rely on magnesium to improve aerodynamics and weight reduction.

“Other important US industries like die-casting and parts manufacturing look to magnesium to lighten their products, strengthen materials and evolve their designs to advance market standards," said IMG.


IMA has been invited to partner with the Global Automotive Lightweight Materials Initiative that takes place April 25-26, 2012 in Central London, United Kingdom.

Designing and manufacturing a commercially viable lightweight vehicle, whilst maintaining structural performance, remains a top priority for the automotive industry, as they battle to meet stringent carbon emissions targets and fulfill consumer demands for highly fuel efficient vehicles.

However, significant cost barriers remain across the advanced lightweight materials cycle from procurement and manufacturing processes to end of life recycling. Clearly tackling these costs will be key to mass-market applications, in tandem with resolving the remaining technical challenges to ensure optimal part performance.

At the Global Automotive Lightweight Materials Initiative 2012 you will be able to join the lightweighting community to benchmark your gram strategy, examine best practices and discover innovative, commercially viable solutions for sourcing, integrating and manufacturing advanced lightweight materials.

This is your opportunity to find out actual results being delivered in weight savings, amongst a backdrop of candid debate on collaborative opportunities to enable widespread adoption of advanced lightweight materials and finding the most feasible routes to achieving scale.

Please note that Mr. Alex Markin, Managing Director of IMG (International Magnesium Group, a wholly owned subsidiary of IMA Member China Direct Industries, Inc.) will be among the panel speakers at the event.

As an IMA Member, you can claim a 15% discount on the advertised rates. To claim this offer, please email info@london-business-conferences.co.uk or call ++ 44 (0)20 7033 4970.
**Market Focus**

**Magnesium Market Seen Stable**

From February 13th to February 17th, ex-works quotations for 99.9 minimum ingots from leading production bases continually went up as indicated in Shanxi from 16,500 – 16,600 yuan, Shaanxi from 15,950 to 16,100 yuan and Ningxia from 16,400 – 16,600 yuan. Export prices remained unchanged 2,950 - 3,000 US dollars.

In Fugu, one source reported contracts done at 15,950 yuan. “The domestic market is better than overseas,” the source said. “Lately, the coal prices dropped a little and fesi market is weak. So, most possibly, magnesium won’t go up in February.” he added. And, He believes the price will climb slowly to 16,500 for the first half of 2012, and can’t be higher than that.

Another Yuncheng-based manager told us that the market is stable to him. The prevailing price in Taiyun is at 16,300 to 16,400 yuan, wenxi at 16,500 to 16,600 yuan, similar to the level of the end of 2011. He said, “Magnesium market is really weak. Most of the producers are suffering. The recovery would be very slow.” One trader of Yuncheng reported for little higher quotes last week. “Now the demand is bad. We are doing small business. Magnesium powders market is not good as well. Normally, February is not the season for magnesium, March and April will be better.” he said.

**Industry News**

**Chongqing University Obtains National Science and Technology Progress 2nd Award for “Integrated and Cyclic Application Technology of High-Performance Magnesium Alloy”**

Project of “Integrated and cyclic application technology of high-performance magnesium alloy”, led by Chongqing University has obtained 25 national invention patents with some innovation technologies reaching internationally advanced/leading level. The project, aiming at resolving the situation of china lagging behind the developed countries in magnesium material development and deep-processing sectors has made some breakthrough.

A senior official of the project told Sunlight that part of the technology of the project and some optimized/upgraded magnesium alloy products. The project was led by experts like Mr. Pan Fusheng, Mr. Long Siyuan, Mr. Ma Ji and Mr. You Guoqiang and was supported by Chongqing University, Chongqing CHANGAN, Shanxi Wenxi Yinguang, Chongqing SinoST Company, Chongqing Boao Mg-Al Manufacturing, Chongqing Academy of Science & Technology and Chongqing University of Technology.

**Ningxia Huayi Magnesium Initiates High Quality Magnesium Alloy Cyclic Project**

On February 11th a signing ceremony for integrated cyclic project of high quality magnesium alloy in Ningxia Huayi Magnesium, with an investment of 7.2 billion Rmb was held in Wuwei city, Gansu province. The ceremony indicates that the cooperation between Huayi Magnesium and local government of Wuwei has entered into a substantial stage.

Huayi Magnesium, based on Ningxia Huayuan Metallurgy Industry is a new magnesium venture player invested by a strategic partner, Zhejiang Hengyi Group. It is one of the enterprises that are undertaking national magnesium key technology research projects. The newly-signed project for high quality magnesium will have 7 sub-projects for up to 100 kt capacity of high quality magnesium alloy.

**Beijing Guangling Jinghua S&T Supplies Magnesium Alloy Handrail for City Bus Producers**

Magnesium alloy handrail, Gonleer’s proprietary product, now is one of commercial products applied in the city bus. As against aluminum alloy handrail, magnesium alloy handrail saves the weight by almost 40%. This product, of mature technology, has entered into commercial production.

This Magnesium alloy handrail is Gonleer’s proprietary innovation. Gonleer is the first company in China to apply this product in city bus. This product not only lowers bus weight, saves energy, protects
environment, and lowers the noise, but also absorbs the shock then improves the comfort. As against with other materials, this handrail is operational cost effective, too.

Beijing Guangling Jinghua S&T Co., Ltd (Gonleer), a high-technology entity in Beijing, specializes in the magnesium alloy R & D, manufacture, and marketing of various magnesium products. Gonleer is a magnesium alloy supplier qualified for many auto component manufacturers. For environment protection and energy efficiency, Gonleer, following the light weight trend of automotive industry, commits to the lightweight program.

The company said that handrail made of magnesium alloy has entered into commercial production, and the customers, highly speaking of our product, cover such key city bus producers in China as Yutong, Zhonhtong, Ankai and Foton.

The year 2011 saw 2.35 mln. units of passenger buses as output. If magnesium alloy was applied as handrail to all of them, this will, to large extent, enhance the application of magnesium alloy. “Now we are exerting ourselves to expanding its use, and hope, through the application procedure promoted by IMA to enlarge its demand in automobile sector,” one manager said to Sunlight lately.
Figure 3. In Zhongtong bus

**Price Indicators**

Sunlight's Price, Pure Magnesium (>99.8%) and Aluminum

<table>
<thead>
<tr>
<th>Item</th>
<th>Magnesium Price</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shanxi Province, Taiyuan City, ex-works¹</td>
<td>16500-16600</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>Shanxi Province, Yuncheng City, ex-works²</td>
<td>16600-16700</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>Ningxia Autonomous Region, ex-works³</td>
<td>16500-16600</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>Shaanxi Province, ex-works⁴</td>
<td>15950-16100</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>Henan Province, ex-works⁵</td>
<td>None</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>Inner Mongolia Autonomous Region, ex-works⁶</td>
<td>None</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>FOB Xingang, Tianjin⁷</td>
<td>2950-3000</td>
<td>USD/ton</td>
</tr>
<tr>
<td>CIF, Rotterdam Port</td>
<td>3030-3080</td>
<td>USD/ton</td>
</tr>
<tr>
<td>CIF, Toronto Port</td>
<td>3070-3120</td>
<td>USD/ton</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Date</th>
<th>SHFE Spot Aluminium</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>13-Feb.-2012</td>
<td>15955/</td>
<td>RMB yuan/ton</td>
</tr>
<tr>
<td>17-Feb.-2012</td>
<td>15990/</td>
<td>RMB yuan/ton</td>
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</table>
SHFE: Shanghai Future Exchange

(Exchange Rate of USD versus RMB is 6.2886 on Feb. 17th based on http://www.boc.cn/. We place a Chinese map here to mark the major production bases and Xingang Port of Tianjin for your reference.)

Note:
1. All the ex-work prices are VAT-paid.
2. The FOB price is based on ex-work basis, plus inland freight and miscellaneous expenses at Xingang Port of Tianjin. Because the distance from these six production bases to Xingang Port is different, their land freights also vary. FOB price includes 10-percent exports tariff from Jan. 1, 2008.
3. CIF prices are based on FOB price plus ocean freight and insurance, which will also vary time by time.
4. When getting ex-work price and FOB price, we give some weight numbers to each respondent and then get the weighted average prices.

IMA Marketplace

PLACE YOUR AD HERE

IMA Marketplace is a “classifieds” section for advertising equipment and materials for sale and positions available. Advertising rates for 4 Weeks Run, Space not to exceed 3" x 3", 100 word maximum:

- Members: $100
- Non-members: $150
- Blind Box Number: $50 additional

For more information or to place an ad, please contact the IMA office by phone at (847)526-2010 or by email at info@intlmag.org