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MARKET RECOVERY WELL UNDERWAY, FUTURE LOOKS BRIGHT

Hanoi, 30 July 2021 – Masan High-Tech Materials (“MHT”) (**HNX-UpCOM**: “MSR”, “Masan High-Tech Materials”, “MHT” or the “Company”), one of Vietnam’s largest integrated industrial mineral and chemical producers, reports its results of the 2021 half year (“1H2021”).

Market demand for our various Tungsten products is strong and our order books have continued to grow through the second quarter. The strength in demand is being driven off the back of restocking due to limited availability of Tungsten in customer supply chain systems, a recovery in motor vehicle demand, as well as green shoots evident in the oil and gas and aerospace sectors of the market. Rig counts for the oil and gas sector were at 1,325 at the end of June 2021, an increase of 30% from the lows of October 2020, but remain well down on historical averages, representing further significant upside demand potential for Tungsten given the oil price is now sitting at ~US\$70/bbl, its highest level since 2018. The last time the oil price was at this level, the oil rig count was around ~2,500. Aerospace demand is also returning with net orders for 1H2021 of 281 planes for Airbus and Boeing as compared to -203 planes for 1H2020 as the full impacts of COVID19 were felt throughout the world. The APT reference price has continued to increase throughout 2Q2021 from US\$268/mtu at the end of March up to US\$278/mtu at the end of June. In the company’s tungsten metal powder and tungsten carbide markets the company is almost fully sold out in certain product lines for Q3 and Q4 orders are already being booked leading to expectations of being fully sold out in Q4 as well. In China orders have surpassed production capacity now for the past 5 months and this is expected to continue in the foreseeable future. We expect to see further increases in price throughout the remainder of this year and into next in both the base APT price as well as market adders for finished products, based on market demand.

The copper price remains strong and hit a peak of US\$10,724/ton in May. The price has since dropped back to US\$9,385 at the end of June. Management is continuing to work on a resolution for copper sales in 2021, and as previously outlined in the 1Q2021 earnings release, remains confident of realising value from our copper stocks in 2021. The Bismuth price continued to increase throughout 2Q2021, further improving profitability of this product during the quarter. Fluorspar production and profitability remain strong, and we expect to see further improvement in pricing for this product throughout the remainder of 2021.

Most pleasingly, on the back of the continued improving demand for our Tungsten products and general improvement in pricing for all products, MHT made a Net Profit After Tax during the second quarter of VND18 billion, a VND298 billion improvement over the first quarter of 2021, predominantly on the back of the improved Tungsten price and demand. We expect to see this positive momentum continue throughout the year based on improving market fundamentals and assuming no further significant impacts worldwide from COVID19. Notably for the first half the MHT HCS business has recorded an EBITDA of US\$10.3m. Against the net cash purchase price paid for the business this equates to an EBITDA multiple of just over 2 times, which again highlights the bargain price paid for the HC Starck (“HCS”) business by MHT in 2020.

As also reported in 1Q2021, while we are continuing to see a general increase in all commodities pricing, on the negative side there are ongoing freight disruptions caused by COVID19 that are impacting on deliveries to customers throughout our global supply chains however at the time of writing the impacts are continuing to be managed effectively by the business and it is not expected to have a significant impact on our results or operations.

MARKET DEVELOPMENT: STRONG RECOVERY IN DEMAND AND PRICING

- Q2 demand for Tungsten continued to exceed expectations and pricing entered a long period of stability at US\$270/mtu from mid-March to early June as downstream market participants stepped back to take stock of the rapid increase, and stall for time to observe how their forward order books developed. Throughout April and May market participants were cautious to attribute the recovery to genuine resurgence in downstream demand, as opposed to a short-term restocking event. As the end of Q2 approached and order volumes remained robust throughout Q3 the market sentiment again turned to one of significant optimism, and by the end of June the price rally had resumed with APT moving up to US\$278/mtu with further upwards movement expected. MHT's order book, both in Vietnam for intermediaries and in HCS for value added specialty tungsten chemicals, tungsten metal powders and tungsten carbides has been well sold through 1H2021 with majority of the production fully committed, and some product lines fully sold through to the end of 2021. The robust demand is linked to strong recoveries across automotive, general engineering and manufacturing, mining, and we are starting to see signs positive momentum in demand in oil and gas and aerospace. With the complexity and length of the aerospace supply chain, Boeing and Airbus have already given notice to suppliers to resume production for an anticipated recovery in passenger numbers starting 2022, and the sustained increase in oil price has incentivized new drilling as evidenced by the gradually increasing rig count. Scrap and secondary materials markets remained tight through Q2 due to an estimated 25% downturn in scrap generation rates during 2020, and availability of primary and intermediate materials remained constrained due to ongoing supply chain disruptions in particular relating to containerized freight. Management forecasts further pricing upside in 2H2021 and robust demand into the new year as COVID tail end effects continue to play positively into the demand side picture, and negatively into supply.
- MHT Fluorspar pricing and volumes are tracking in-line with our annual plan. Acid Grade Fluorspar demand for Fluorine Chemicals continues to remain robust, but prices have not yet experienced the sustained rally seen across many other industrial commodities. The bulk shipment nature of the product has helped consumers to build stocks to better buffer supply chain disruptions, and some weakness in the metallurgical downstream market (AIF3) continues to keep the overall market in balance rather than undersupply. Management still maintains a view that prices will recover in the medium term, as competing producers in the west continue to struggle to ramp up to name plate production, and metallurgical demand recovers post COVID particularly in China where electrical shortages and brownouts have curtailed Aluminium production and therefore demand for AIF3 in Q2.
- Bismuth prices continued to increase throughout Q2 reaching a high of \$3.8/lb at the end of June. Prices in the EMEA/NAFTA markets were lifted by a resurgent demand from the alloy sector and boosted by an absence of short-term availability of metal due to low inventory levels and supply chain disruptions. Demand remains stable across other end use applications, and the Bismuth price forward curve is more likely to be influenced by supply side effects. In the near-term management expect consolidation at current price levels as spot availability improves on restocking, and forecasts pricing in the range of \$3.50-4.00/lb for the remainder of 2021.

AVERAGE COMMODITY PRICES	Unit	Average 1H2021	Average 1H2020	% change	At 30.06.2021	At 30.06.2020
APT European Low*	USD/mtu	262	229	14%	278	205
Bismuth Low*	USD/lb	3.4	2.5	37%	3.8	2.5
Copper*	USD/t	9,108	5,492	66%	9,385	6,038
Fluorspar Acid Grade**	USD/t	417	405	3%	413	430

* Metals Bulletin, ** Industrial Minerals

1H2021 FINANCIAL HIGHLIGHTS: INCREASED DEMAND AND PRICING FOR TUNGSTEN FLOWING THROUGH TO RESULTS

- **Net revenue up 138%** – MHT posted net revenue of VND6,107 billion in 1H2021, a significant 138% increase compared to VND2,570 billion recorded in 1H2020. Tungsten revenues were significantly higher due to the consolidation of HC Starck (“HCS”) (six months in 2021 as compared to one month in 2020)

and the higher APT price for 1H2021 (\$262/mtu) as compared to the same period last year (\$229/mtu). Fluorspar revenues were down due to lower realized pricing, whilst Bismuth revenues were at VND132 billion (1H2020 – Nil), due to the extended maintenance shutdown that occurred in 2020. There were no copper revenues earned in 1H2021 for the reasons explained earlier.

- **EBITDA of VND1,194 billion** – EBITDA increased by 87% for 1H2021, due to HCS consolidation, higher sales price for Tungsten, 1H2021 positive impact for Bismuth, and Copper. Whilst there were no copper sales made in 1H2021, the sales made in 2020 were at a low price at that time due to impacts of COVID which negatively impacted 1H2020 EBITDA by VND267 billion. Tungsten unit costs at our mine in Vietnam were 6% lower, Fluorspar unit costs were 14% lower and Copper was 9% higher as compared to 1H2020. Tungsten and Fluorspar unit costs were positively impacted by cost saving initiatives undertaken by management, however Copper unit costs have been negatively impacted by increasing input costs.
- **VND291 billion attributable net loss** – The Company delivered an attributable net loss of VND291 billion for 1H2021, a VND98 billion improvement over the same period last year. Importantly though, the second quarter delivered a VND2 billion attributable net profit, predominantly on the back of the improved pricing for Tungsten as well as the reduction in unit costs for both Tungsten and Fluorspar. It is expected with continuing strength in markets and pricing, and realization of value for copper sales in the second half of this year, the business remains well placed to capitalize on the significantly improved market fundamentals.

VND Billion	1H2021	1H2020	Growth
Masan High-Tech Materials Consolidated Financial Results⁽¹⁾			
Net Revenue	6,107	2,570	138%
EBITDA ⁽²⁾	1,194	639	87%
Attributable Net Profit/(Loss) After Tax (VAS)	-291	-389	25%

⁽¹⁾ Financial numbers are based on management figures and still subject to audit completion.

⁽²⁾ Earnings before interest, taxation, depreciation, and amortization (EBITDA) excludes other income and other expenses.

OPERATIONAL HIGHLIGHTS

- Tungsten concentrate production decreased by 1% over 1H2020. Mined feed grades were down by 1%. Throughput was also down by 1%. Mined feed grades for Tungsten are expected to improve throughout the remainder of the year resulting in 2H2021 increase in production. Overall tungsten production between Masan Tungsten LLC (“MTC”), the Company’s tungsten chemical processing facility in Vietnam and HCS, increased by 200% over 1H2020, on the back of first year consolidation of the HCS business and significantly improved demand from customers.
- Fluorspar production was 1% lower than 1H2020 on 1% higher feed grades and offset by 1% lower throughput.
- Copper production was 15% higher than 1H2020 on 20% higher feed grades and offset by a 3% reduction in recovery and lower throughput.
- Bismuth production was 1,132 tons contained. For 1H2020 the bismuth circuit was undergoing an extended maintenance shutdown.

SUMMARY PRODUCTION DATE	Unit	1H2021	1H2020	Growth
Ore processed	kt	1,902	1,922	-1.0%
Tungsten Products (Contained) – inclusive HCS	t	9,760	3,250	200.3%
Copper in Copper Concentrate (Contained)	t	5,163	4,474	15.4%
Acid Grade Fluorspar (Dry)	t	111,600	113,228	-1.4%
Bismuth in Bismuth Cement (Contained)	t	1,132	0	n/a

2021 FINANCIAL AND STRATEGIC OUTLOOK

- As announced at MHT AGM, MHT expects revenues of between VND11,500-12,500 billion and NPAT Post-MI to be within the range of VND200 billion and VND400 billion. Based on the performance during 1H2020 management still expects these targets to be achieved.
- Management also continues to remain focused on realizing the synergistic benefits identified as part of the acquisition process. These benefits will continue to be realized over the next twelve months to two years and will add significant value to both MHT top and bottom line.

ABOUT MASAN HIGH-TECH MATERIALS

Masan High-Tech Materials is a leading supplier of critical minerals including tungsten, fluorspar, and bismuth. Masan High-Tech Materials is currently operating the world-class polymetallic mineral resource and chemical processing plant in Northern Vietnam, and with the acquisition of the HCS business now also has operations in Germany, Canada and China as well as marketing offices located in USA and Japan. Masan High-Tech Materials' vision is "To be the leading integrated supplier of high-tech advanced materials critical to global innovation".

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