



EG METAL



Brief History

- 1987. 05. 15** *EG Corporation Established*
- 1994. 09. 02** R&D Centers Were Established at the Head Office and Gwangyang Br.
- 1995. 08. 03** New Technology Business Development Certified by the Ministry of Commerce Industry & Energy
- 1996. 01. 15** Started Operation and Maintenance of All Cold Rolled Steel Plate Factories in Gwangyang Steel Works, POSCO.
- 1999. 09. 11** The 1st Ni-Zn Ferrite Powder Factory for Ferrite Core Was Completed.
- 2000. 01. 07** EG Corporation Listed on KOSDAQ
- 2000. 05. 08** Joined the Korea Engineering & Consulting Association as Acid Engineering on Acid Regeneration Plant
- 2005. 01. 04** Certified as A Manufacturing Company for the World Superior Articles of High Purity Iron Oxide (MOCIE)
- 2006. 11. 29** EG ULSAN V/Mo Factory Established
- 2008. 09. 01** Certified as the Environmental Management System ISO 14001 (DNV)
- 2010. 04. 01** *EG Metal Corporation Established*





EG metal is recovering Vanadium, Molybdenum and Nickel from spent catalyst of oil refineries and petrochemical plants.





Vanadium Product

Applications

High Strength Low Alloy steels, Tool steels, Railroad rail steels, Automotive crankshafts & Oil field pipe steel

Vanadium Pentoxide

Size(mm) : 5x55x55

Packing : 250 steel Drum / 1mt big bag



V ₂ O ₅	P	Si	Fe	S	As	Na ₂ +K ₂ O
98.0% min	0.05% max	0.5% max	0.40% max	0.03% max	0.02%	1.50% max

Ferro - Vanadium

Size(mm) : 10 ~ 50 90% min

Packing : 250 steel Drum / bag



V	C	S	P	Si	Al
75~85%	0.2% max	0.1% max	0.1% max	2.0% max	1.5% & 4.0% max



Molybdenum Product

Applications

High temperature steels, Tool steels, Stainless steels,
Super alloys, Refining Hydroprocessing Catalysts

Molybdenum Trioxide

Size(mm) : 5x55x55

Packing : 250 steel Drum / 1mt big bag



Mo	P	Cu	C	S	Pb	Si
60% min	0.05% max	0.5% max	0.1% max	0.1% max	0.05% max	0.03% max

Ferro - Molybdenum

Size(mm) : 10 ~ 50 90% min

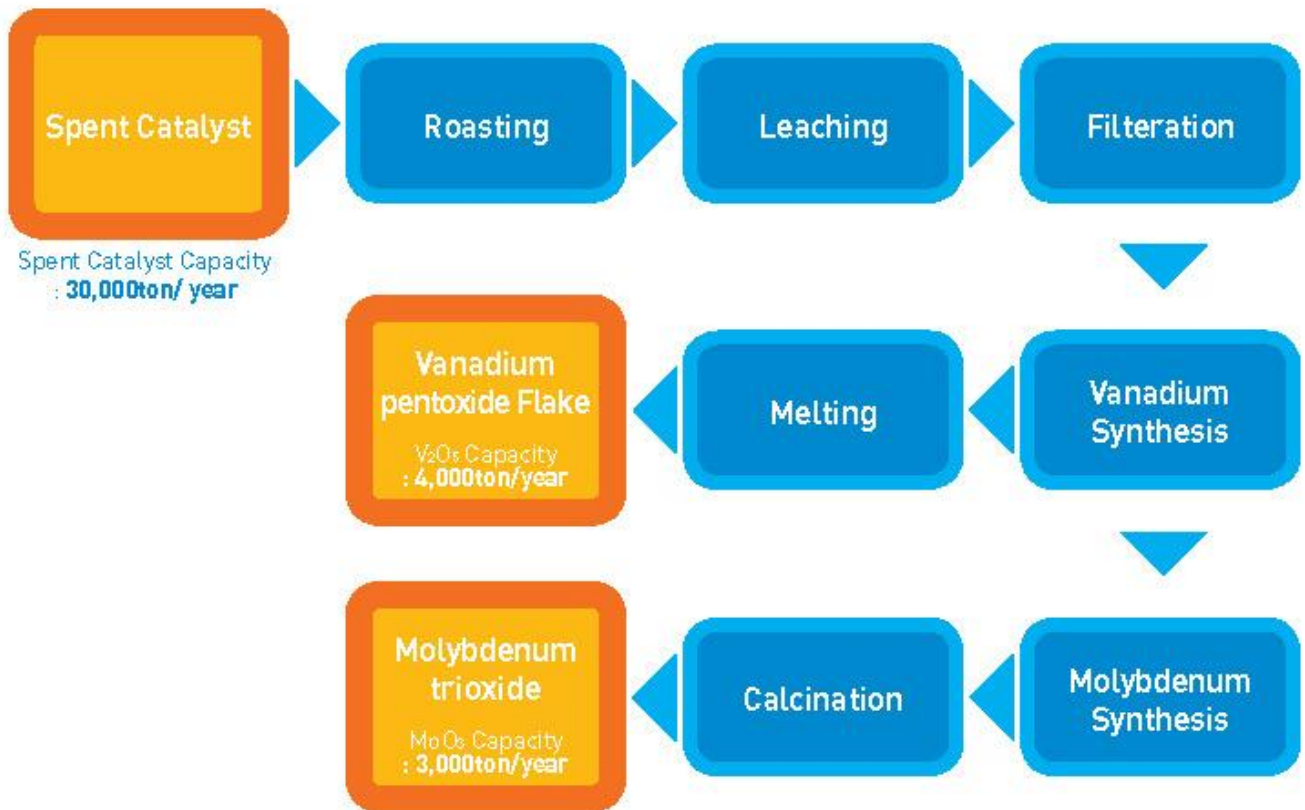
Packing : 250 steel Drum / bag



Mo	C	S	P	Si	Al
60% min	0.1% max	0.1% max	0.05% max	1.5% max	1.5% max &4.0% max



Vanadium & Molybdenum Recovery Process





Research & Development

Recovery of rare metal from electronic devices of spent

Making for recovery system of metal
with Low cost & High effectiveness

Making resource of research & development
from Industrial waste

**Recycling System
of Resource**





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