



Can Do.

EMERALD

ECO-BILLET™

**PRECISION-CRAFTED EXTRUSION
BILLET & CAST FORGING STOCK**





Service Center Metals introduces **SCM Emerald Eco-Billet™**, the new standard for consistency, quality and low carbon footprint in aluminum billet. Proudly *made in the USA* in our expanded, state-of-the-art facility is available in the following basic specifications:

Alloys:	6005, 6005A, 6008, 6013, 6020, 6026, 6042, 6060, 6061, 6063, 6066, 6070, 6082, 6101, 6105, 6262, 6351, 6361 and 6560. Other alloys subject to inquiry
Diameters:	7", 8", 9", 10", 11", 12", 14" and 16" [-/+1/2%] - Other Diameters are Subject to Inquiry
Log Lengths:	228 to 320" [-/+ 1/2"]
Billet Lengths:	16 to 75" [-/+ 1/8"]

SCM Emerald Eco-Billet™ is produced using the most-stringent process control, cutting edge metallurgical practices and renowned quality standards:

Quality Standards:	ISO 9001:2015, IATF16949:2016, PED 97/23/EC, LEED, RoHS-2/3, DFARS, ABS and REACH Compliant
Chemistry:	Optical Emission Spectrometry Sampling per ASTM E716 and E1251
Grain Size:	150 Microns Maximum per ASTM E112
Filtration:	Enhanced Dual Filtration Using 40-50 ppi Filters
Degassing:	Rotary Degassing to Hydrogen Levels Less Than 0.18cc/100g
Bow:	0.040" per 3' and 3/8" Maximum Over the Log Length
Surface:	Blemish Depth - 1/16" Maximum
UT Testing:	Continuous Ultrasonic Testing for Cracks
Homogenization:	Continuous Homogenization for Consistent Microstructure and Product Performance Dissolution and Precipitation of Fine Mg ₂ Si Constituent Phase using Rapid Cooling Greater 600F/hr Targeted β to α AlFeSi Phase Transformation for Specific Product Requirements
Recycled Content:	Typical 95-100% for 6061

What does this mean for you? Superior product quality, higher productivity rates and enhanced downstream machinability and formability.



To learn more about Emerald Eco-Billet's unique advantages, contact **Cal Wiggins**, Vice President of Technical Services, at **888-518-1550** or cal.wiggins@scm-net.com; or **Paul Morris**, National Sales Manager, at **419-656-6065** or paul.morris@scm-net.com.

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