Aluminum USA
THE METAL SOURCING SHOW

May 19 - 20, 2027
Kentucky International Convention Center

ADVANCEMENTS IN FABRICATION CHECKLIST

ASSESS YOUR CURRENT OPERATIONS

- [ ] Audit existing, rolling, extrusion, & machining equipment for age, efficiency, & capacity.
- [ ] Compare your capabilities against industry benchmarks & customer requirements.
- [ ] Set measurable targets for productivity, quality, and sustainability.
- [ ] Rank upgrade opportunities by ROI, risk, & alignment with your end markets.
- [ ] Find bottlenecks in throughput, scrap rates, energy use, and yield.

INVEST IN RECYCLING & SUSTAINABILITY INITIATIVES

- [ ] Map scrap streams across your operation & set closed-loop recovery goals.
- [ ] Evaluate remelt & holding furnaces with better energy efficiency & lower melt loss.
- [ ] Increase recycled content in your alloys while maintaining performance specifications.
- [ ] Track carbon intensity & energy use per ton to meet customer & reporting needs.
- [ ] Share your low-carbon aluminum capabilities with buyers.

BUILD A LONG-TERM IMPLEMENTATION ROADMAP

- [ ] Set a phased timeline for technology adoption over one, three, & five years.
- [ ] Assign clear ownership for each initiative.
- [ ] Update your strategy with new technologies, customer needs, & market conditions.
- [ ] Review progress quarterly against your company goals.

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