

Instructions for Applicants

User Input

Calculated or from other tab

Instructions are in yellow boxes

This worksheet is used to capture information on Critical Material project proposals. Input data and out the relevant user input (green) cells in the *Project Overview* tab. Data will be extracted from this

Section	Applicant Information	Input
Project Overview	Applicant Case Number	
	Company Name	
	City (HQ)	
	State (HQ)	
	Zip Code (HQ)	
	City (Facility)	
	State (Facility)	
	Zip Code (Facility)	
	Qualified Investment (\$)	
	Expected Credit Rate	30%
	Tax Credit (\$)	0
Project/Business Plan	Project Type	
	Date Complete Permitting	
	Date Begin Construction	
	Date Begin Operation	
	Is this project being considered or planning to apply to local, state, or other federal agency programs?	
	<i>If Yes, briefly explain funding:</i>	
Jobs	Direct Construction Jobs	
	Meet Wage and Apprenticeship Requirements?	
	Direct Operating Jobs	

es next to the corresponding inputs
 assumptions should be substantiated in and show clear correspondence to applicant's project narrative. Applicant's workbook to compare submissions. **Therefore, no cells, rows, or columns should be added.**

Units	Notes
	The case number used to track the application in the DOE 48C application portal
	Dollar amount of the qualified investment that "re-equips, expands, or establishes" the in 48C(b).
	Applicants should select a 30% tax credit if they anticipate meeting the wage and apprentice requirements under 48C(e)(5) and (6). Applicants who do not anticipate meeting those should select 6% from the dropdown.
	Calculated by multiplying Qualified Investment by Expected Credit Rate.
mm/dd/yyyy	
mm/dd/yyyy	
mm/dd/yyyy	
	Examples include other federal tax credits, grants from the Department of Energy or other agencies, and state or local economic development incentives.
FTE equivalent	Quantify the number of direct jobs that will be created during construction of the facility
	Do the construction jobs meet wage and apprenticeship requirements, as specified in 4 guidance?
FTE equivalent	Quantify the number of direct jobs that will be created during operation of the facility. For retrofits/reequipped facilities, only include the number of additional operating jobs created

nt should first fill

facility, as defined

nticeship requirements

ner federal

y. Direct jobs are 48C(e) and treasury

For ated by the project.

Critical Materials Outputs (Each applicant MUST fill in)

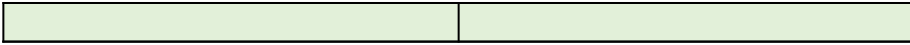
Critical Materials Outputs	Processing (tons)
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If other material is produced, enter the material and associated amounts after row 78

If the facility performs any processing (converting ore into high-value concentrate e.g., comminution, dewatering, beneficiation), fill out this column with the average annual output tonnage of the metal or element content contained in the concentrate produced. (E.g., If you produce a concentrate that contain multiple recoverable critical materials, please calculate each recoverable material content contained in your concetrate and fill out the annual average amount in each respective material below)

Aluminium	
Antimony	
Arsenic	
Barite	
Beryllium	
Bismuth	
Cerium	
Cesium	
Chromium	
Cobalt	
Dysprosium	
Electrical Steel*	
Erbium	
Europium	





Example of How to Fill Out Material Inputs (Examples provided below)

Input Type	Input Description
Select input type (selected primary for virgin materials, and secondary for scraps/end of life materials)	Briefly describe input selected e.g. ore, mine tailing, waste stream, concentrate, scraps (automobile, mixed - shredded, household appliance, new (manufacturing/industrial) scraps etc.) etc.
Primary	Bauxite
Primary	Alumina
Secondary	Aluminum containing old scraps
Secondary	Aluminum containing new scraps
Secondary	Automobile scraps
Primary	Nickel ore
Secondary	Nickel containing old scraps
Secondary	Battery old scraps
Secondary	Permanent magnets

Primary	Rare earth element ore

Example of How to Fill Out Critical Materials	
Critical Materials	Processing (tons)
Example of possible projects	<p>If the facility performs any processing (converting ore into high-value concentrate e.g., comminution, dewatering, beneficiation), fill out this column with the average annual output tonnage of the metal or element content contained in the concentrate produced. (E.g., If you produce a concentrate that contain multiple recoverable critical materials, please calculate each recoverable material content contained in your concetrate and fill out the annual average amount in each respective material below)</p>
Nickel - Project A	6,000.00
Nickel - Project B	6,000.00
Nickel - Project C	
Nickel - Project D	6,000.00
Nickel - Project E	
Nickel - Project F	6,000.00
Neodymium - Project G	5.00
Dysprosium - Project G	0.20
Cerium - Project G	0.20
Cobalt - Project H	

These are independent from example provided in the output table (below)

Input capacity (tons)	Sourcing
For each input , provide the corresponding amount entering the facility. If more than 10 inputs, provide the 10 inputs with largest annual tonnage	For each input briefly describe where it is sourced from (associated geographical region)
100000	U.S
200000	U.S
200000	U.S
200000	U.S
100000	U.S
100000	Canada
50000	Canada
1000	U.S
1	U.S

500 U.S	

Outputs (Examples provided here are independent from examples p	
Refining (tons)	Recycling Output (tons)

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If the facility performs any refining at all (converting a concentrate into metal or element e.g., smelting, purifying, reduction), fill out this column with the average annual output tonnage of each respective metal or element produced.

If the facility performs any recycling activities, fill out this column with the average annual output tonnage of the metal or element produced/recovered from the recycling activity.

6,000.00	2,500.00
	2,500.00
6,000.00	2,500.00
6,000.00	
	2,500.00

	1.00
	0.10
	0.10
	500.00

provide in the input table above)

Notes

Example of possible scenario of operations

Example of a facility involved all three operations

Example of a facility involved in processing and recycling operation only

Example of a facility involved in refining and recycling operations

Example of a facility involved in recycling and refining operations

Example of a facility involved in recycling operation only

Example of a facility involved in processing only

Example of a facility that produce multiple critical materials

Example of a facility involved in recycling only