

## **Attachment 1: Description of Emission Reduction Measure Form**

Please fill out one form for each emission reduction measure. See instructions in Attachment 2.

**Title: CO2 capturing Plant for greenhouse gas reduction**

**Type of Measure (check all that apply):**

- |   |   |
|---|---|
| <input type="checkbox"/> Direct Regulation  | <input type="checkbox"/> Market-Based Compliance          |
| <input type="checkbox"/> Monetary Incentive   | <input type="checkbox"/> Non-Monetary Incentive           |
| <input type="checkbox"/> Voluntary  | <input type="checkbox"/> Alternative Compliance Mechanism |
| <input checked="" type="checkbox"/> Other Describe: <b>carbon capture and sequestration</b> |   |

**Responsible Agency: ARB**

**Sector:**

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Transportation   | <input checked="" type="checkbox"/> Electricity Generation |
| <input checked="" type="checkbox"/> Other Industrial | <input checked="" type="checkbox"/> Refineries             |
| <input type="checkbox"/> Agriculture                 | <input checked="" type="checkbox"/> Cement                 |
| <input checked="" type="checkbox"/> Sequestration    | <input type="checkbox"/> Other Describe:                   |

**2020 Baseline Emissions Assumed (MMT CO2E):  $496.95 \times 10^6$  tonsCO2/year**

**Percent Reduction in 2020: 12.2% (or 1990 emission level =  $436.19 \times 10^6$  tons CO2/year)**

**Cost-Effectiveness (\$/metric ton CO2E) in 2020: 35\$/ton CO2**

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**Description:** see attached file

**Emission Reduction Calculations and Assumptions:** see attached file

**Cost-Effectiveness Calculation and Assumptions:** see attached file

**Implementation Barriers and Ways to Overcome Them:** see attached file

**Potential Impact on Criteria and Toxic Pollutants:** see attached file

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