

OutcomeOptions

| Enumerator | Description | Notes |
|----------------|----------------|-------|
| PASS | Pass | |
| FAIL | Fail | |
| NOT_APPLICABLE | Not applicable | |
| UNDETERMINED | Undetermined | |

EvaluationTypeOptions

| Enumerator | Description | Notes |
|---------------|--------------------------|-------|
| FULL | Full Evaluation | |
| APPLICABILITY | Applicability Evaluation | |

RulesetCheckingToolProjectOutputReport

| Name | Description | Data Type | Units | Range | Req | Notes |
|-----------|--|---------------------|-------|-------|-----|--|
| title | Title of project output report from Ruleset Checking Tool | String | | | | Existing template value shows- ASHRAE STD 229P RULESET CHECKING TOOL |
| purpose | Reason for the report | String | | | | Existing template value shows- Project Testing Report |
| ruleset | Names the ruleset including appropriate year, organization, and section. | String | | | | Existing template value shows- ASHRAE 90.1-2019 Performance Rating Method (Appendix G) |
| date_run | Time stamp for the output report | Timestamp | | | | Existing template value shows- 2022-02-01T18:25:43-05:00 |
| rmd_files | A list of names of RMD files | [[FileDescription]] | | | | Existing template value shows- user_rmr.json, baseline_rmr.json, proposed_rmr.json |
| rules | List of rule that is being evaluated | [[Rule]] | | | | |

Rule

| Name | Description | Data Type | Units | Range | Req | Notes |
|------------------|---|-------------------------|-------|-------|-----|---|
| rule_id | The identification of the specific rule | String | | | | Existing template value shows- 1-1 |
| description | Textual description of the rule | String | | | | Existing template value shows- Description of rule 1-1. |
| evaluation_type | Indicator if full evaluated rule | <EvaluationTypeOptions> | | | | |
| standard_section | Section number for rule | String | | | | Existing template value shows- G3.1.2.2 |
| evaluations | List of evaluations performed | [{Evaluation}] | | | | Existing template value shows- |

Evaluation

| Name | Description | Data Type | Units | Range | Req | Notes |
|-------------------|----------------------------------|---------------------|-------|-------|-----|---|
| id | Identifier | Integer | | | | Existing template value shows- 1 |
| outcome | Expected outcome | <OutcomeOptions> | | | | Existing template value shows- PASS |
| messages | List of messages from evaluation | [String] | | | | |
| calculated_values | | [{CalculatedValue}] | | | | Not same as template since template shows key-value pairs |

CalculatedValue

| Name | Description | Data Type | Units | Range | Req | Notes |
|----------|-------------|-------------------|-------|-------|-----|--|
| variable | Variable | String | | | | Existing template value shows- calculated_value1 |
| value | Value | (Numeric, String) | | | | Existing template value shows- 1.0 |

FileDescription

| Name | Description | Data Type | Units | Range | Req | Notes |
|--------------------|---|------------------------------------|-------|-------|-----|---|
| ruleset_model_type | Describes the type of model associated with the file. | <RulesetModelOptions2019ASHRAE901> | | | | For 90.1 Appendix G would be USER, PROPOSED, BASELINE_0, BASELINE_90, BASELINE_180, BASELINE_270 |
| file_name | Value | String | | | | The name of the json file with file extension and may include the file path. Existing template value shows- user_rmr.json, baseline_rmr.json, proposed_rmr.json |