

# 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
schema_version	Version of the Standard 229 Rule Evaluation Schema corresponding to the tests.	String				
rpdc_files	A list of names of RPD files	[[FileDescription]]				Existing template value shows- user_rmr.json, baseline_rmr.json, proposed_rmr.json

Name	Description	Data Type	Units	Range	Req	Notes
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
data_group_name	The name of the data group being evaluated	String				The would the name of the Standard 229 Rule Evaluation Schema data group as a string such as Space or FluidLoop
evaluations	List of evaluations performed	[[Evaluation]]				Existing template value shows-

## Evaluation

Name	Description	Data Type	Units	Range	Req	Notes
data_group_id	The ID of the data group being evaluated	String				The ID of any type of data group. This is a string and not a reference data type since the RPD file would be separate. Existing template value shows- 1
outcome	Outcome	<OutcomeOptions>				Existing template value shows- PASS

Name	Description	Data Type	Units	Range	Req	Notes
<code>messages</code>	List of messages from evaluation	<code>[String]</code>				
<code>calculated_values</code>		<code>[{CalculatedValue}]</code>				Not same as template since template shows key-value pairs

## CalculatedValue

Name	Description	Data Type	Units	Range	Req	Notes
<code>variable</code>	Variable	<code>String</code>				Existing template value shows- <code>calculated_value1</code>
<code>value</code>	Value	<code>(Numeric, Boolean, String)</code>				Existing template value shows- 1.0
<code>units</code>	Units	<code>String</code>				For example- <code>Btu/(hrft2R)</code>
<code>ruleset_model_type</code>	The identification of model for the RulesetModelDescription	<code>String</code>				A string representation of the enumeration value for RulesetModelDescription.type in the 229 Ruleset Evaluation Schema. For 90.1 Appendix G would be USER, PROPOSED, BASELINE_0, BASELINE_90, BASELINE_180, BASELINE_270.

## FileDescription

Name	Description	Data Type	Units	Range	Req	Notes
<code>ruleset_model_type</code>	Describes the type of model associated with the file.	<code>String</code>				A string representation of the enumeration value for RulesetModelDescription.type in the 229 Ruleset Evaluation Schema. For 90.1 Appendix G would be USER, PROPOSED, BASELINE_0, BASELINE_90, BASELINE_180, BASELINE_270
<code>file_name</code>	Value	<code>String</code>				The name of the json file with file extension and may include the file path. Existing template value shows- <code>user_rmr.json</code> , <code>baseline_rmr.json</code> , <code>proposed_rmr.json</code>