

# OutcomeOptions

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

# EvaluationTypeOptions

Enumerator	Description	Notes
FULL	Full Evaluation	
APPLICABILITY	Applicability Evaluation	

# RulesetCheckingToolSoftwareOutputReport

Name	Description	Data Type	Units	Range	Req	Notes
title	Title of software output report from Ruleset Checking Tool	String				Existing template value shows- RULESET CHECKING TOOL
purpose	Reason for the report	String				Existing template value shows- RCT Ruleset Software Testing Report
ruleset	References output that correspond to specific simulation model.	String				Existing template value shows- ASHRAE 90.1-2019 Performance Rating Method (Appendix G)

Name	Description	Data Type	Units	Range	Req	Notes
date_run	Time stamp for the output report	String				This does not seem exactly like a TimeStamp data type but close. Existing template value shows- 2023-03-16T14:45:33-05:00
schema_version	Version of the schema corresponding to the tests.	String				Existing template value shows- 0.0.23
rules_tests	List of rule that is being evaluated	[{RuleTest}]				

## RuleTest

Name	Description	Data Type	Units	Range	Req	Notes
rule_id	The identification of the specific rule	String				Existing template value shows- 5-5
test_id	The identification of the test case for the specific rule	String				Existing template value shows- a
test_description	Textual description of the test for the rule	String				Existing template value shows- Description of rule: Building is located in climate zone 4A and includes a space that has residential occupancy type and is conditioned based on heating capacity of the HVAC system that serves the parent zone. The baseline roof U-factor for the space is established correctly.
ruleset_section	Section reference from the ruleset	String				Existing template value shows- Table G3.1(5) Baseline Building Performance (b)
ruleset_section_title	Title of the section referenced from the ruleset	String				Existing template value shows- Envelope
evaluation_type	Indicator if full evaluated rule	<EvaluationTypeOptions>				
rule_unit_test_outcome_agreement	True if the expected and actual agree	Boolean				Existing template value shows- false
expected_rule_unit_test_evaluation_outcome	Expected outcome	<OutcomeOptions>				Existing template value shows- PASS
actual_rule_unit_test_evaluation_outcome	Expected outcome	<OutcomeOptions>				Existing template value shows- UNDETERMINED
rule_unit_test_evaluations	List of evaluations performed	[{Evaluation}]				Existing template value shows-

# Evaluation

Name	Description	Data Type	Units	Range	Req	Notes
id	Identifier	String				Existing template value shows- Surface 1
messages	List of messages from evaluation	[String]				Existing template value shows- message
evaluation_outcome	Expected outcome	<OutcomeOptions>				Existing template value shows- PASS
calculated_values	a list of calculated values from the evaluation	[{CalculatedValue}]				Used to help understand and debug rule evaluation

# CalculatedValue

Name	Description	Data Type	Units	Range	Req	Notes
variable	Variable	String				Existing template value shows- roof_u_factor
value	Value	(Numeric, String)				Existing template value shows- 0.063
units	Units	String				Existing template value shows- Btu/(hrft <sup>2</sup> R)