

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
<code>data_group_id</code>	The ID of the data group being evaluated	<code>String</code>				The ID of any type of data group. Existing template value shows- Surface 1
<code>messages</code>	List of messages from evaluation	<code>[String]</code>				Existing template value shows- message
<code>evaluation_outcome</code>	Expected outcome	<code><OutcomeOptions></code>				Existing template value shows- PASS
<code>calculated_values</code>	a list of calculated values from the evaluation	<code>[{CalculatedValue}]</code>				Used to help understand and debug rule evaluation

CalculatedValue

Name	Description	Data Type	Units	Range	Req	Notes
<code>variable</code>	Variable	<code>String</code>				Existing template value shows- roof_u_factor
<code>value</code>	Value	<code>(Numeric, Boolean, String)</code>				Existing template value shows- 0.063
<code>units</code>	Units	<code>String</code>				Existing template value shows- Btu/(hrft2R)
<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.