

CERTIFICATE OF COMPLIANCE AND FIELD INSPECTION ENERGY CHECKLIST		ENV-1C (Page 1 of 1)
NONRESIDENTIAL, HIGH-RISE RESIDENTIAL, HOTEL/MOTEL BUILDINGS ALTERATIONS FOR REROOFING		
Site Address:		Climate Zone: 10 # of Stories:
Building Type: <input type="checkbox"/> Non Residential <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Hotel/Motel		Enforcement Agency: City of Ontario
Existing roofing type:	New roofing type:	Date:
Total roof Area: _____ ft ²	Total reroof Area: _____ ft ²	% reroof Area: _____ %

COOL ROOF REQUIREMENTS FOR CLIMATE ZONE 10	
<i>Note if the roofing product is not CRRRC certified, this prescriptive compliance approach cannot be used. Use the Overall Envelope Approach or Performance Approach.</i>	
Where more than 50% of the roof or more than 2,000 sqft of roof, whichever is less, is being replaced, recovered or recoated, this altered roof area shall meet the cool roof requirements.	
A. NONRESIDENTIAL BUILDINGS:	
1. For low-sloped roofs (2:12 and below):	
<ul style="list-style-type: none"> • Minimum 3-year aged solar reflectance = 0.55 AND minimum thermal emittance = 0.75, or • Minimum solar reflectance index (SRI) = 64 	
2. For steep-sloped roofs (greater than 2:12) with roofing products density <u>less than 5 lb/ft²</u> :	
<ul style="list-style-type: none"> • Minimum 3-year aged solar reflectance = 0.20 AND minimum thermal emittance = 0.75, or • Minimum solar reflectance index (SRI) = 16 	
3. For steep-sloped roofs (greater than 2:12) with roofing products density of <u>5 lbs/ft² or more</u> :	
<ul style="list-style-type: none"> • Minimum 3-year aged solar reflectance = 0.15 AND minimum thermal emittance = 0.75, or • Minimum solar reflectance index (SRI) = 10 	
B. HIGH-RISE RESIDENTIAL AND HOTEL/MOTEL BUILDINGS:	
1. For low-sloped roofs (2:12 and below):	
<ul style="list-style-type: none"> • Minimum 3-year aged solar reflectance = 0.55 AND minimum thermal emittance = 0.75, or • Minimum solar reflectance index (SRI) = 64 	

CHECK THE APPLICABLE BOX BELOW FOR THE EXEMPTION OF "COOL ROOF" REQUIREMENTS:										
<input type="checkbox"/> The roof area covered by building integrated photovoltaic panels / solar thermal panels.										
<input type="checkbox"/> Roof constructions that have thermal mass over the roof membrane with a weight of at least 25 lb/ft ² .										
CRRRC Product ID Number ¹	Roof Slope ≤2:12 >2:12		Product Weight <5lb/ft ² ≥5lb/ft ²		Product Type ²	Aged Solar Reflectance ³		Thermal Emittance	SRI ⁵	Special Feature ⁶
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> ⁴				<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/> ⁴				<input type="checkbox"/>
<p>1. The CRRRC Product ID Number can be obtained from the Cool Roof Rating Council's Rated Product Directory at www.coolroofs.org/products/search.php</p> <p>2. Indicate the type of product is being used for the roof top, i.e. single-ply roof, asphalt roof, metal roof, etc.</p> <p>3. If the Aged Reflectance is not available in the Cool Roof Rating Council's Rated Product Directory then use the Initial Reflectance value from the same directory and use the equation $(0.2 + 0.7(\rho_{initial} - 0.2))$ to obtain a calculated aged value. Where ρ is the Initial Solar Reflectance.</p> <p>4. Check box if the Aged Reflectance is a calculated value using the equation above.</p> <p>5. The SRI value needs to be calculated from a spreadsheet calculator at http://www.energy.ca.gov/title24/</p> <p>6. Indicate Special Feature on this page of the Inspection Checklist Form below.</p>										
To apply Liquid Field Applied Coatings , the coating must be applied across the entire roof surface and meet the dry mil thickness or coverage recommended by the coatings manufacturer and meet minimum performance requirements listed in Energy Standards § 118(i)4. Select the applicable coating:										
<input type="checkbox"/> Aluminum-Pigmented Asphalt Roof Coating			<input type="checkbox"/> Cement-Based Roof Coating			<input type="checkbox"/> Other _____				

SPECIAL FEATURES INSPECTION CHECKLIST

Documentation Author's Declaration Statement	
• I certify that this Certificate of Compliance documentation is accurate and complete.	
Name: <input type="checkbox"/> Owner <input type="checkbox"/> Authorized agent <input type="checkbox"/> Contractor	Signature:
Company :	Contractor license #:
Address:	Phone:
City/State/Zip:	Date: