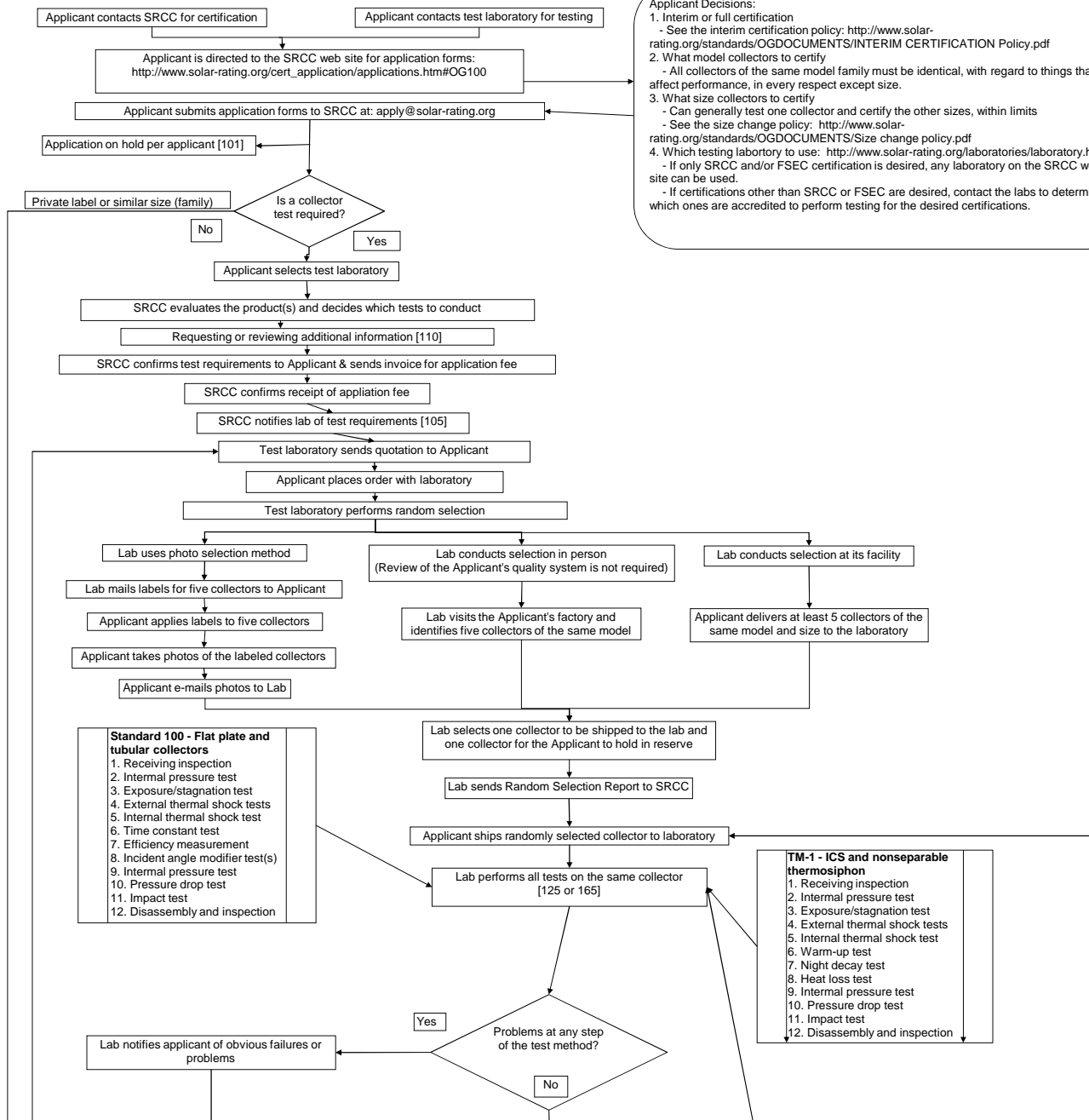


OG-100 Certification Process Map

January 12, 2011

Applicant Decisions:

- Interim or full certification
 - See the interim certification policy: <http://www.solar-rating.org/standards/OGDOCUMENTS/INTERIM CERTIFICATION Policy.pdf>
- What model collectors to certify
 - All collectors of the same model family must be identical, with regard to things that affect performance, in every respect except size.
- What size collectors to certify
 - Can generally test one collector and certify the other sizes, within limits
 - See the size change policy: <http://www.solar-rating.org/standards/OGDOCUMENTS/Size change policy.pdf>
- Which testing laboratory to use: <http://www.solar-rating.org/laboratories/laboratory.htm>
 - If only SRCC and/or FSEC certification is desired, any laboratory on the SRCC web site can be used.
 - If certifications other than SRCC or FSEC are desired, contact the labs to determine which ones are accredited to perform testing for the desired certifications.

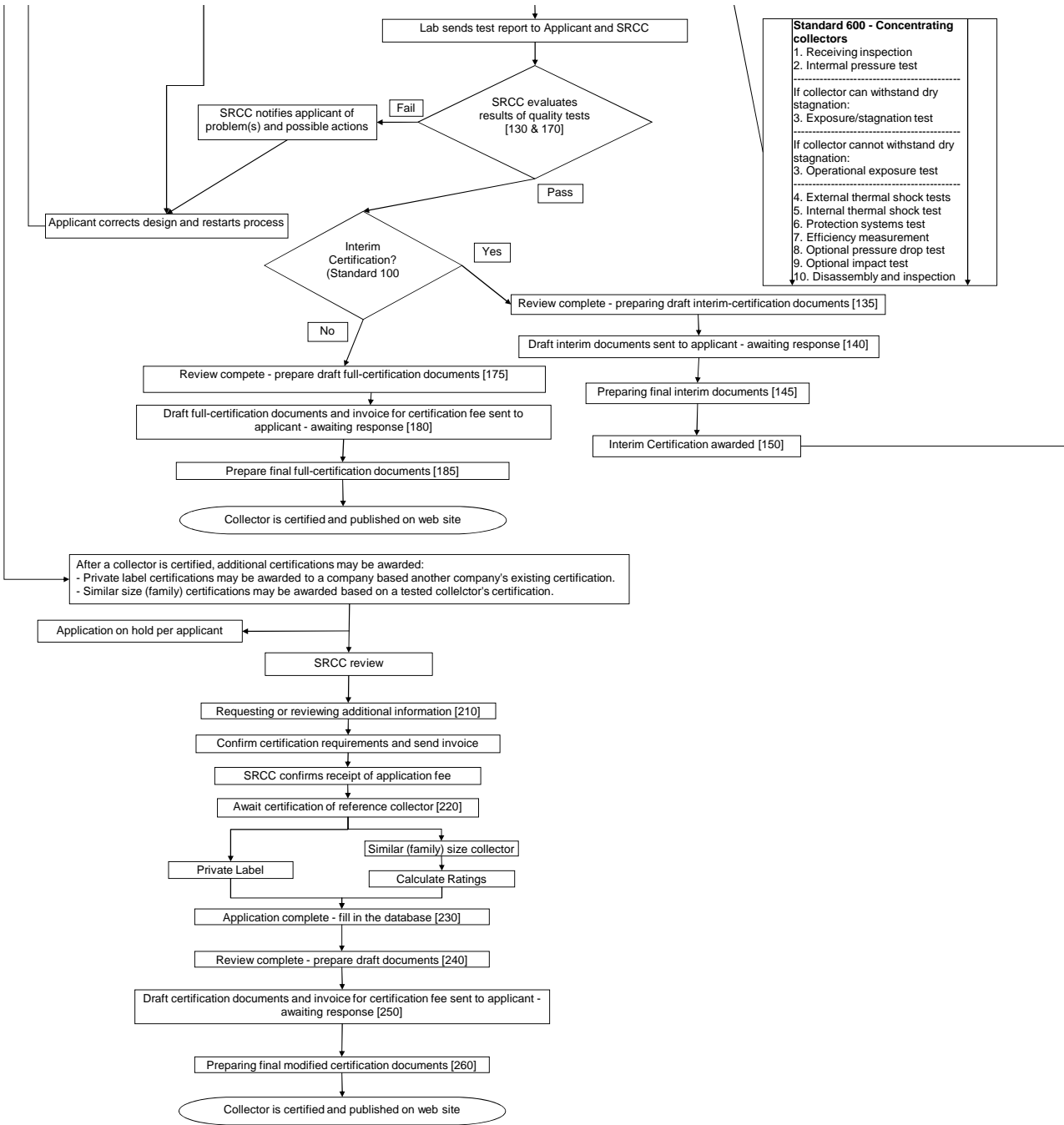


Standard 100 - Flat plate and tubular collectors

1. Receiving inspection
2. Internal pressure test
3. Exposure/stagnation test
4. External thermal shock tests
5. Internal thermal shock test
6. Time constant test
7. Efficiency measurement
8. Incident angle modifier test(s)
9. Internal pressure test
10. Pressure drop test
11. Impact test
12. Disassembly and inspection

TM-1 - ICS and nonseparable thermosiphon

1. Receiving inspection
2. Internal pressure test
3. Exposure/stagnation test
4. External thermal shock tests
5. Internal thermal shock test
6. Warm-up test
7. Night decay test
8. Heat loss test
9. Internal pressure test
10. Pressure drop test
11. Impact test
12. Disassembly and inspection



- Standard 600 - Concentrating collectors**
1. Receiving inspection
 2. Internal pressure test
 -
 - If collector can withstand dry stagnation:
 3. Exposure/stagnation test
 -
 - If collector cannot withstand dry stagnation:
 3. Operational exposure test
 -
 4. External thermal shock tests
 5. Internal thermal shock test
 6. Protection systems test
 7. Efficiency measurement
 8. Optional pressure drop test
 9. Optional impact test
 10. Disassembly and inspection