

DOLE PROGRAMS RELATED TO POWER GENERATION

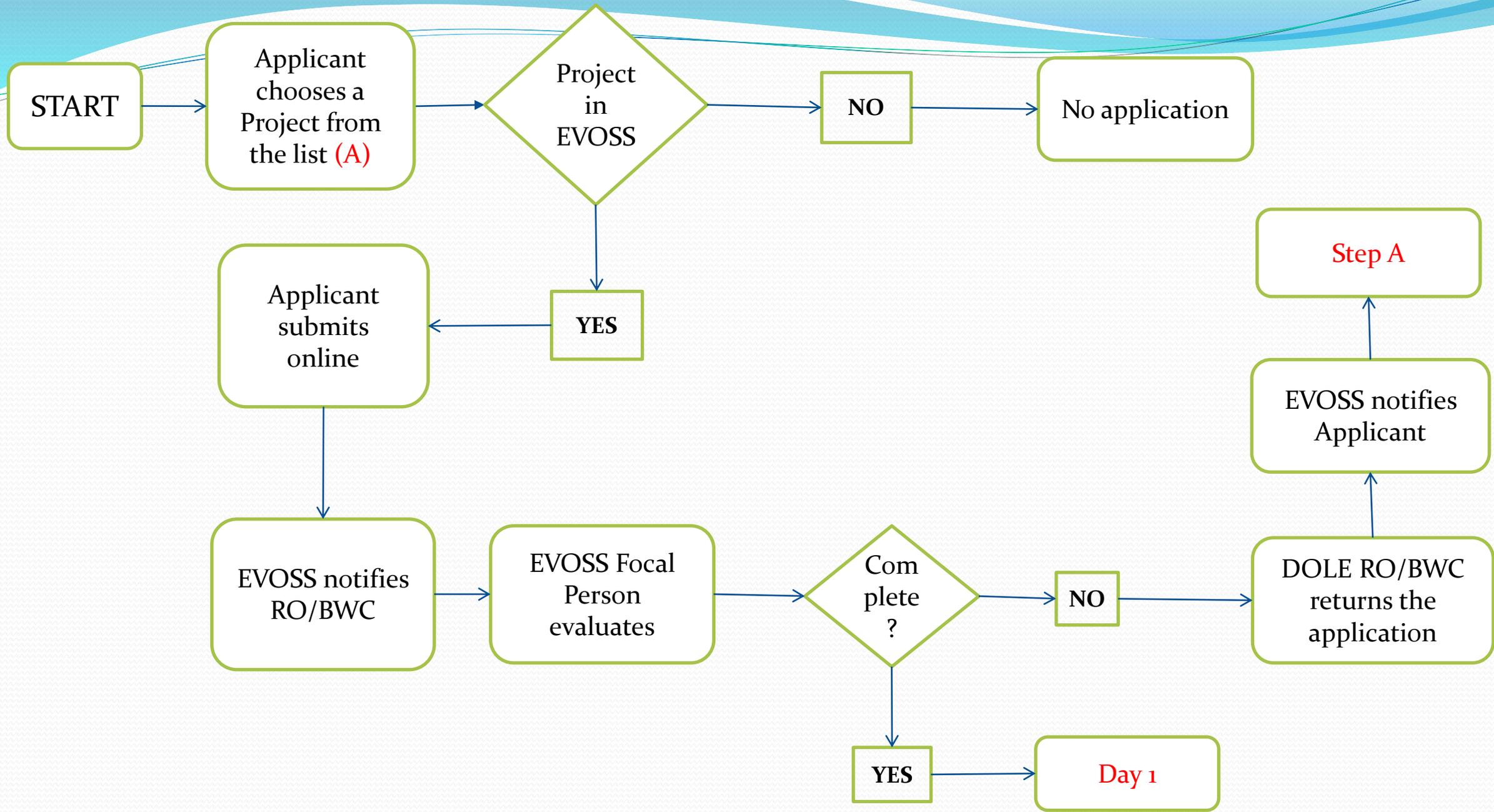
- 
1. Clearing of technical plans;
 2. Conduct of technical safety inspection;
 3. Issuance of PTO/CEI;

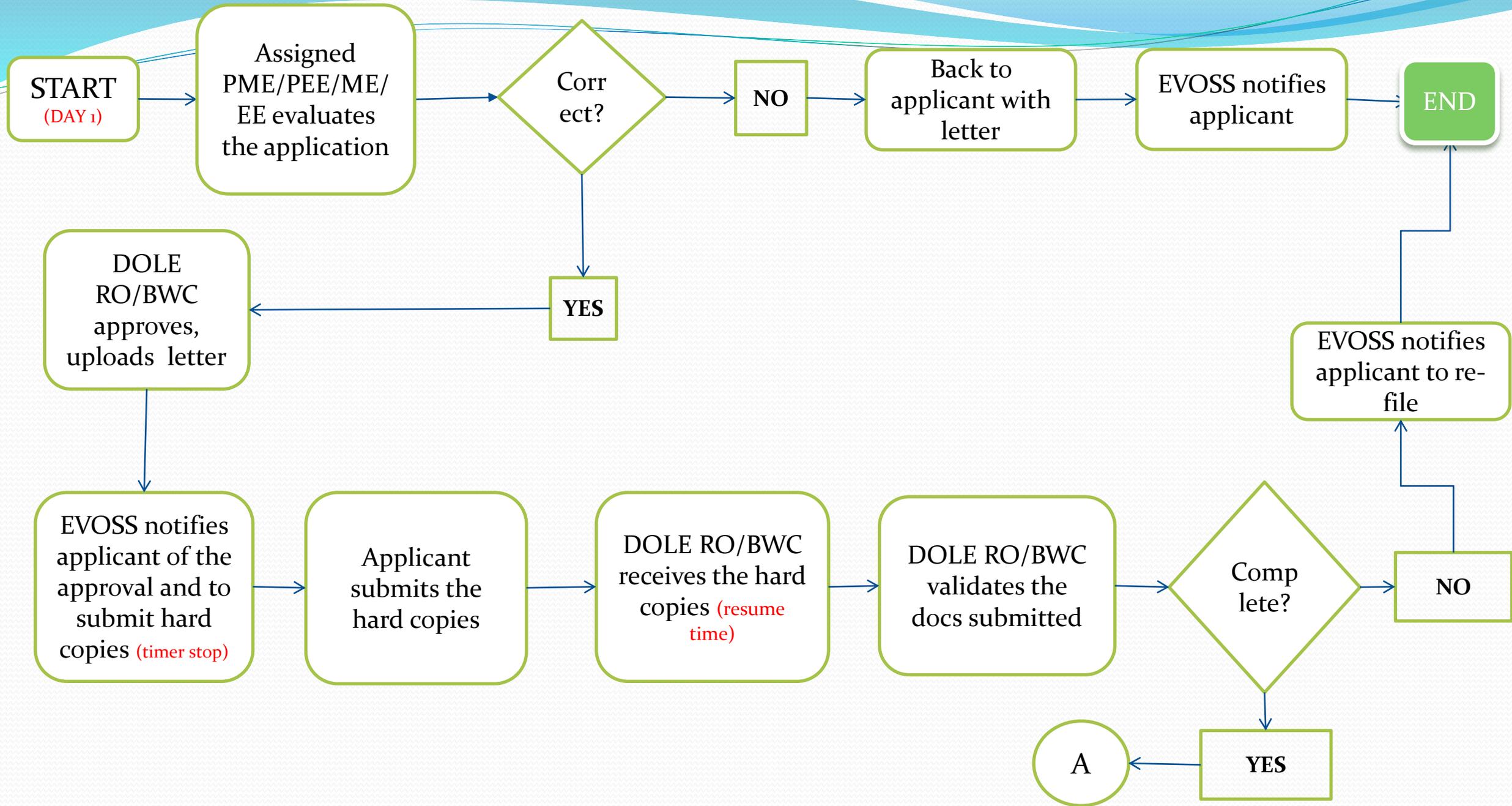
Related programs:

1. Clearing of Fabrication plans;
2. Approval/disapproval of Construction Safety and Health Program (CSHP);
3. Registry of Establishment



1. CLEARING OF INSTALLATION PLANS





A

DOLE RO/BWC to do the ff:

1. Stamp "CLEARED" on the plans;
2. Assign the control numbers;
3. Prepare the transmittal letters;
4. Authorized PME/PEEs to sign the plans;
5. RD/BD to sign transmittal letters

DOLE RO/BWC uploads the transmittal letters of approved plans

EVOSS notifies applicant of the cleared plans

EVOSS ends the time for DOLE

END

**TOTAL PROCESSING TIME: 6
CALENDAR DAYS**

PERMIT TO OPERATE MECHANICAL EQUIPMENT (PTO)

Requirements:

(3 sets of hard copy & 1 set of e-copy saved in USB or CD)

1. Properly accomplished application forms
2. Certificate of Appearance of the signing PME
3. Technical plans
 - a. Location/vicinity/location plan;
 - b. Plant lay-out;
 - c. Technical drawing of the equipment applied for with technical specifications;
 - d. For power piping lines, drawing must be in isometric indicating the length, diameters, etc
A matrix of length and volume if there are multiple diameter sizes;

- e. Foundation drawings with details for applications on DL, PVDL & ICE;
- f. Computation of Factor of Safety for DL, PVDL & ICE applications;
- g. Soil boring test result of the locality when using an Allowable Soil Bearing Capacity of more than 12,225 kg/m²;
- h. Other documents to prove the stability of the equipment
- i. Cleared fabrication plans, if locally fabricated (for DL & PVDL)

CERTIFICATE OF ELECTRICAL INSPECTION (CEI)

Requirements:

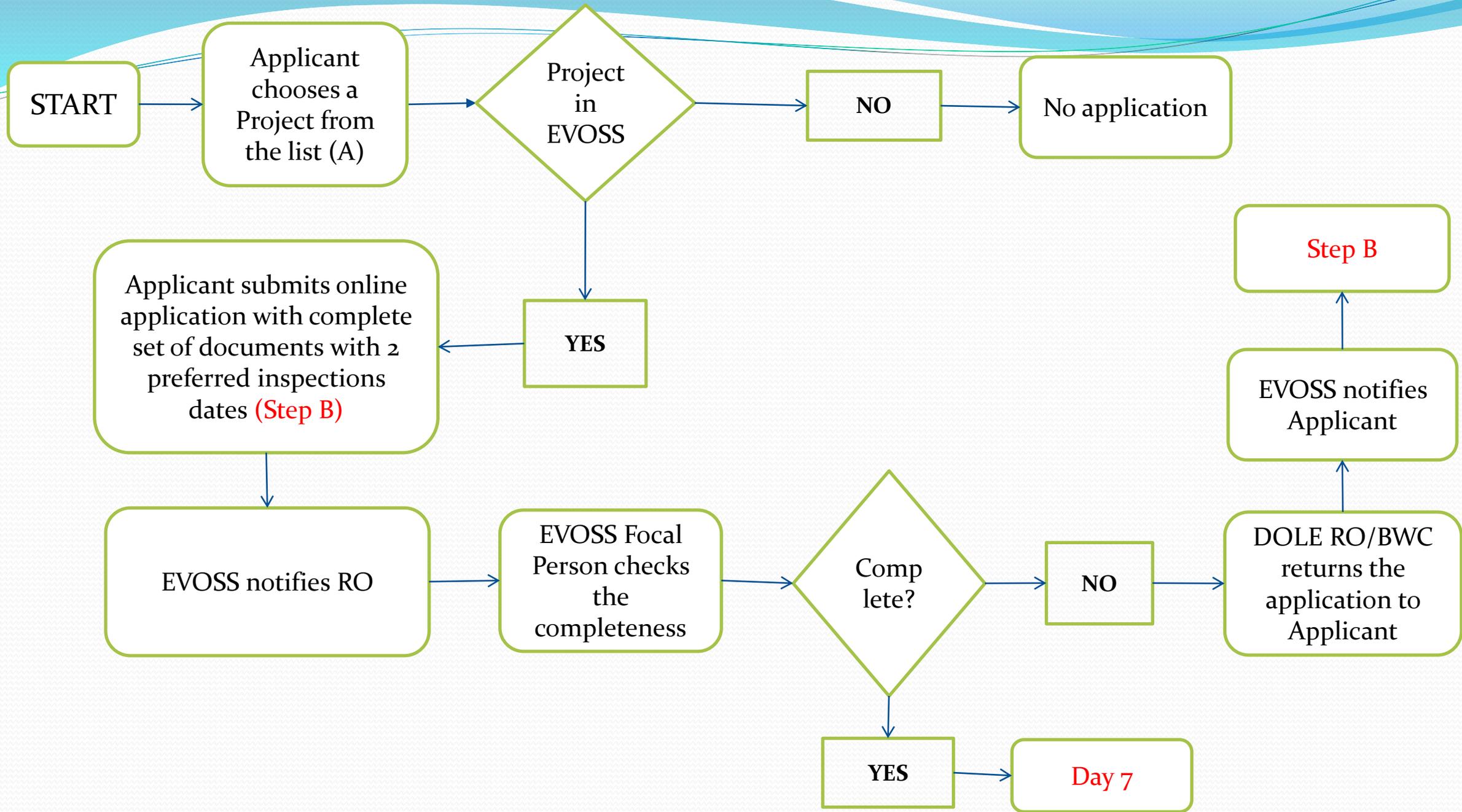
(3 sets of hard copy & 1 set of e-copy saved in USB or CD)

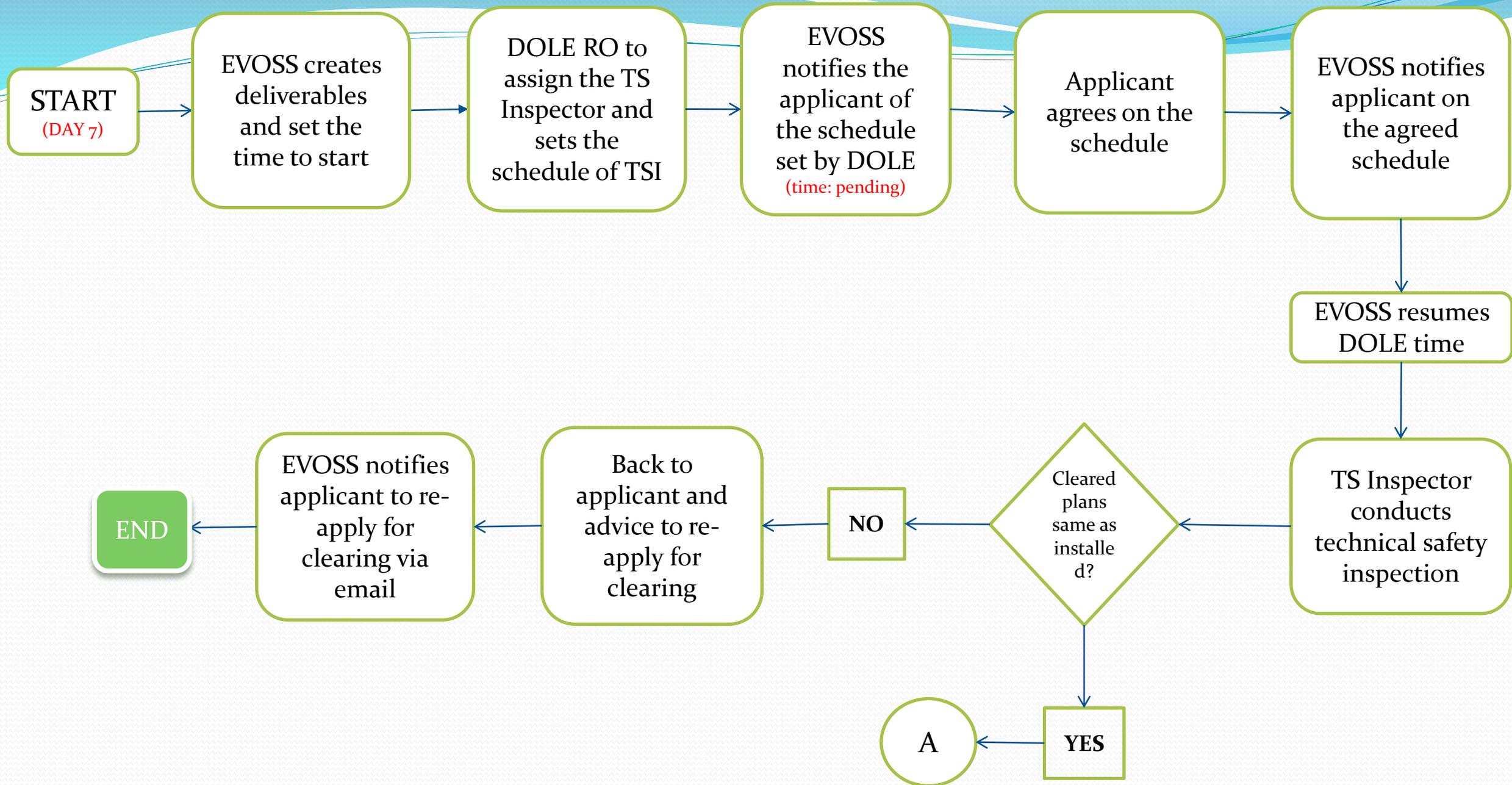
1. Properly accomplished application forms
2. Certificate of Appearance of the signing PEE
3. Technical plans
 - a. Location/vicinity and site plan;
 - b. General notes and/or specifications;
 - c. Legend or symbol and schedule of loads;
 - d. Plans for power and lighting;
 - e. Design analysis and computations;
 - f. Single line diagram for the entire installation;

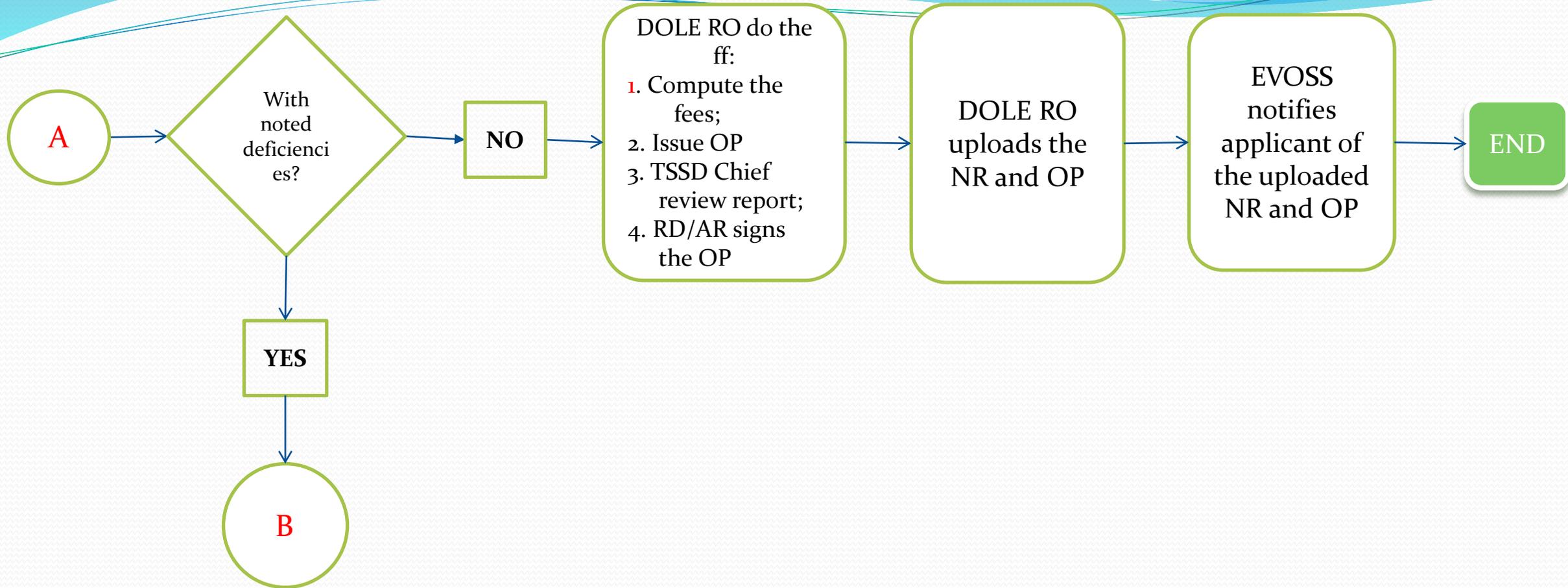
- 
- g. Plans for fire detection and alarm circuits (if any); and
 - h. Plans and specifications for indoor and/or outdoor substation.

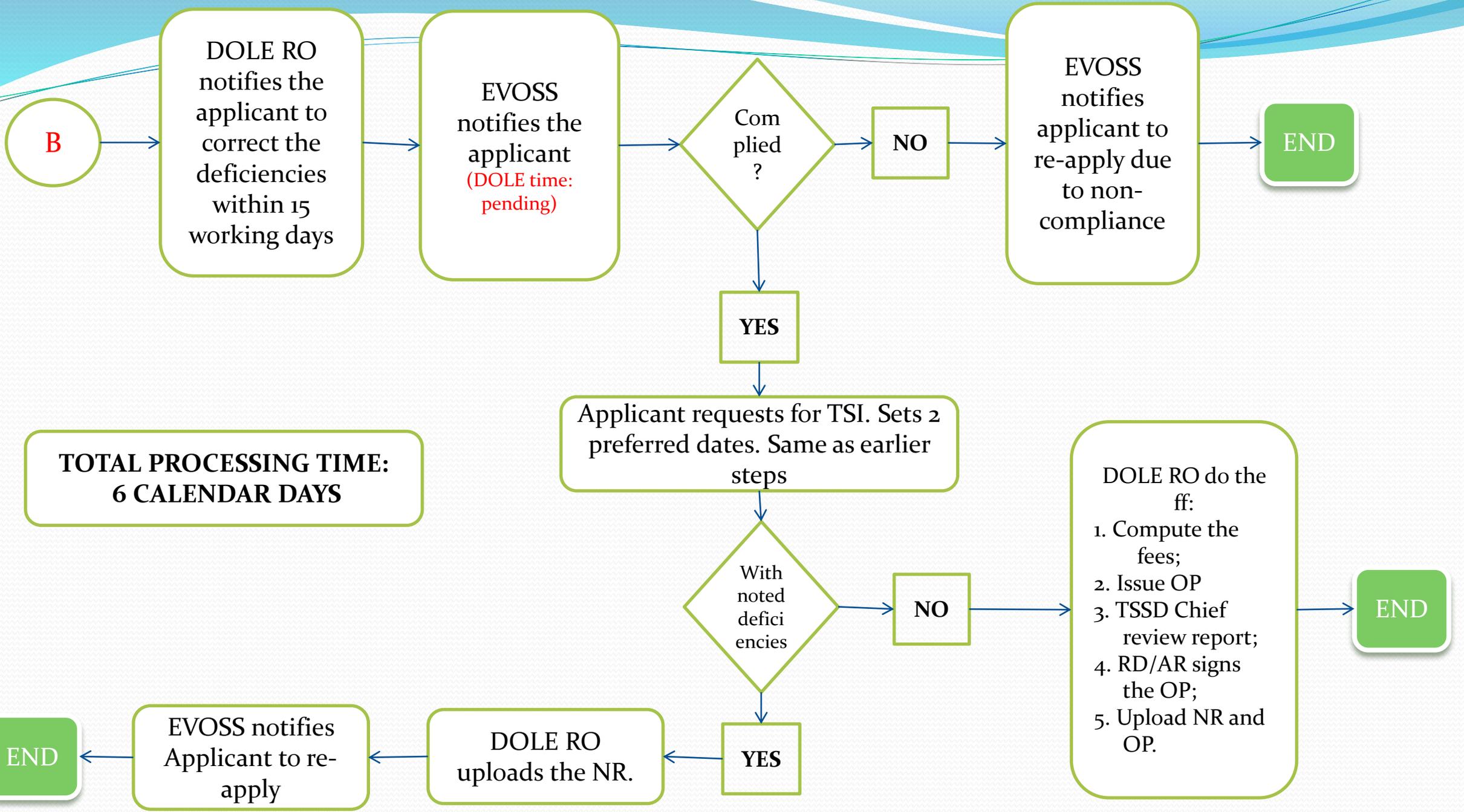


2. CONDUCT OF TECHNICAL SAFETY INSPECTION









B

DOLE RO notifies the applicant to correct the deficiencies within 15 working days

EV OSS notifies the applicant
(DOLE time: pending)

Complied ?

NO

EV OSS notifies applicant to re-apply due to non-compliance

END

YES

Applicant requests for TSI. Sets 2 preferred dates. Same as earlier steps

**TOTAL PROCESSING TIME:
6 CALENDAR DAYS**

With noted deficiencies

NO

DOLE RO do the ff:
1. Compute the fees;
2. Issue OP
3. TSSD Chief review report;
4. RD/AR signs the OP;
5. Upload NR and OP.

END

YES

DOLE RO uploads the NR.

EV OSS notifies Applicant to re-apply

END



DOCUMENTARY REQUIREMENTS

ISSUANCE OF PTO

1. Letter of request addressed to the Regional Director for the conduct of TSI;
2. Cleared plans; and
3. Test certificates of the equipment installed;
 - Boilers/Pressure Vessels/Power Piping Lines – hydro test
 - Crane & Hoist/Elevator/Manlift/Dumbwaiter – load test
 - Turbines and Internal Combustion Engine – Test run

ISSUANCE OF CEI

1. Letter of request addressed to the Regional Director for the conduct of TSI;
2. Cleared plans; and
3. Test certificates of electrical installation;
 - a. Insulation resistance test;
 - b. Voltage drop test;
 - c. For power transformer
 - Turns ratio test;
 - Insulation resistance test with polarization index;
 - Power factor;

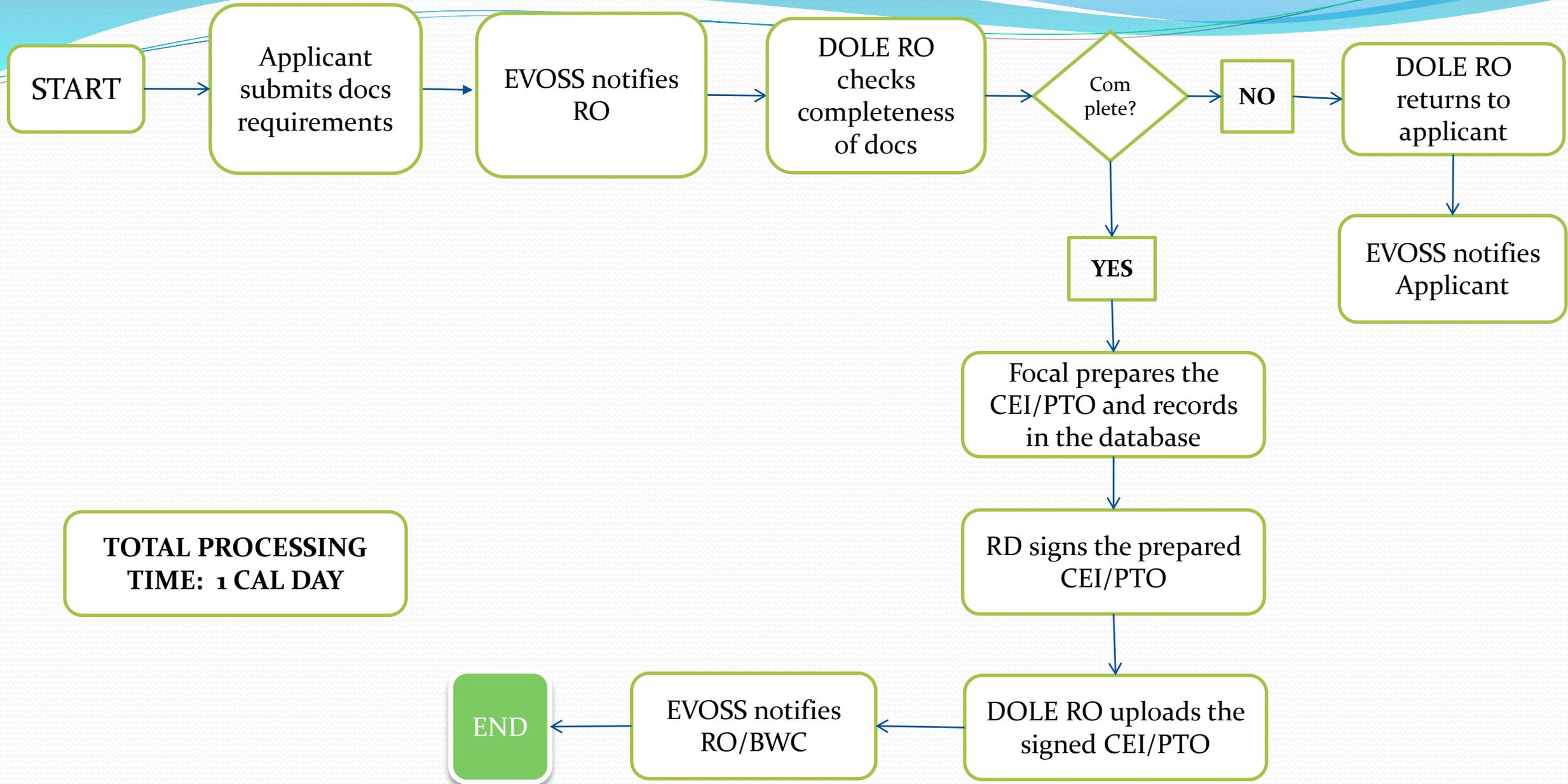
- Resistance (winding);
- Polarity and phase relation;
- Oil tests (DGA, moisture, dielectrics, etc);
- No load loss test

d. For motor loads, if applicable

- Insulation resistance test;
- Polarization index test;
- High potential test;
- Insulation power factor;
- Step voltage test;
- Surge comparison test;
- No load test



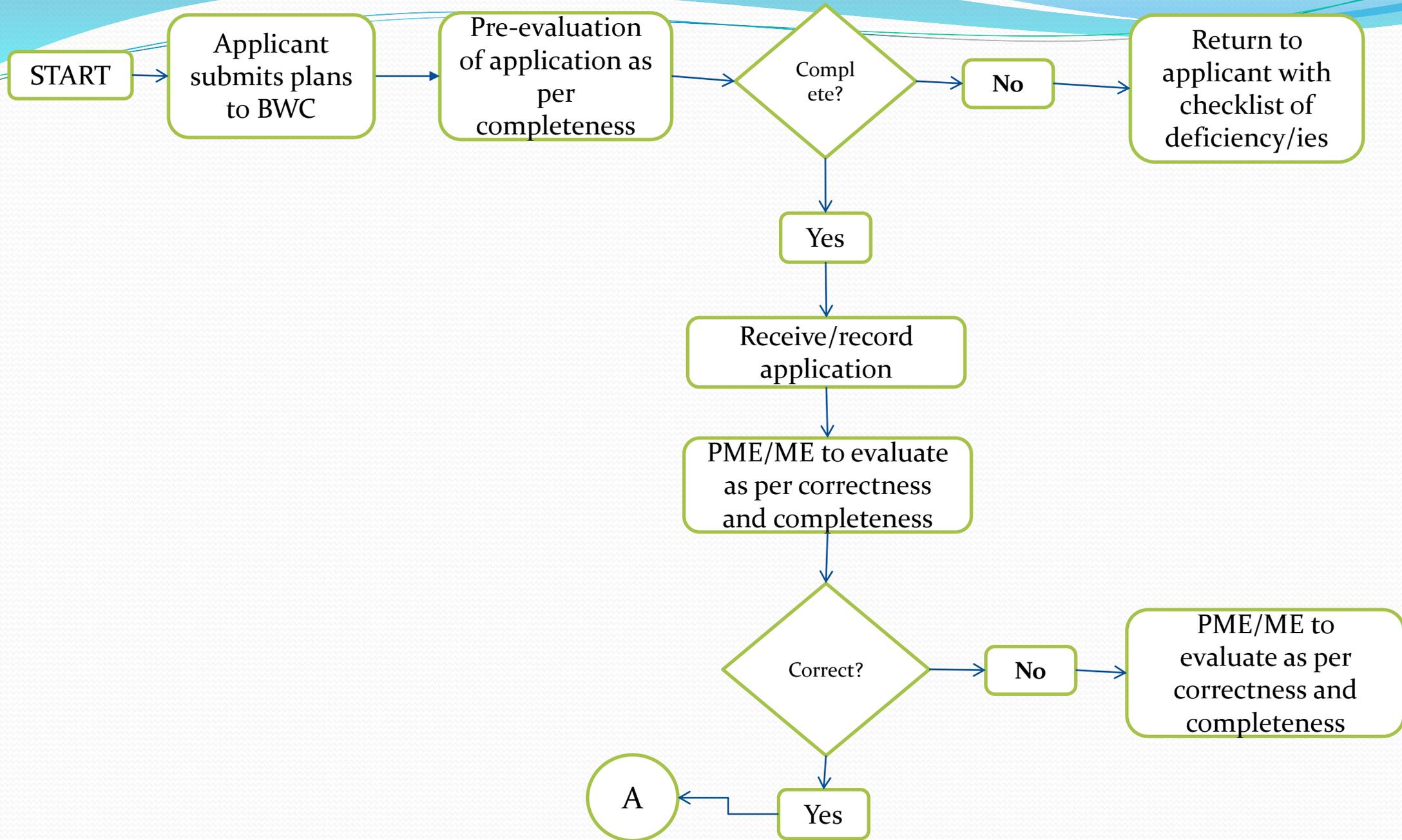
3. ISSUANCE OF PTO/CEI

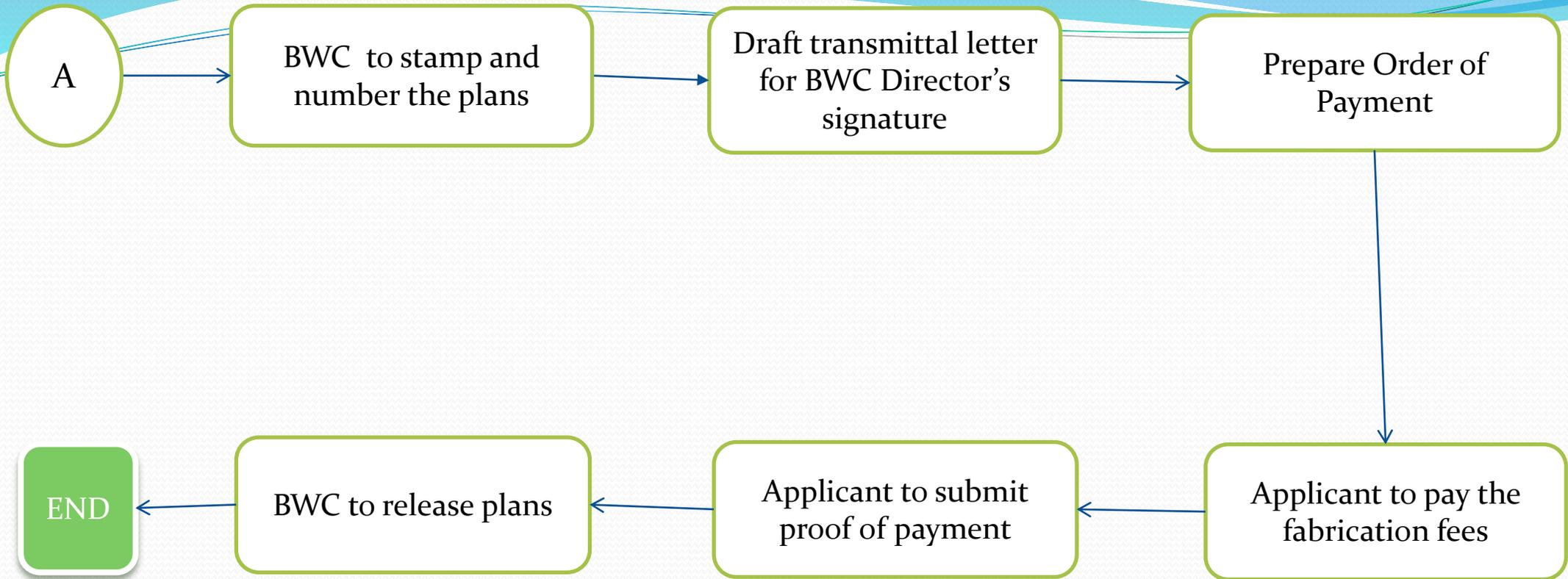


TOTAL PROCESSING TIME: 1 CAL DAY



**CLEARING OF FABRICATION
PLANS FOR LOCALLY
FABRICATED BOILER &
PRESSURE VESSEL**







- **T- TIMELINES**

>5 units – 1 day & 1.25hrs

6-10 units – 2 days & 2.25 hrs

11-15 units – 3 days & 1 hr

16-20 units – 4 days

21-50 units – 7 days

51-75 units – 10 days

76-100 units – 15 days

101 units and more – 20 days

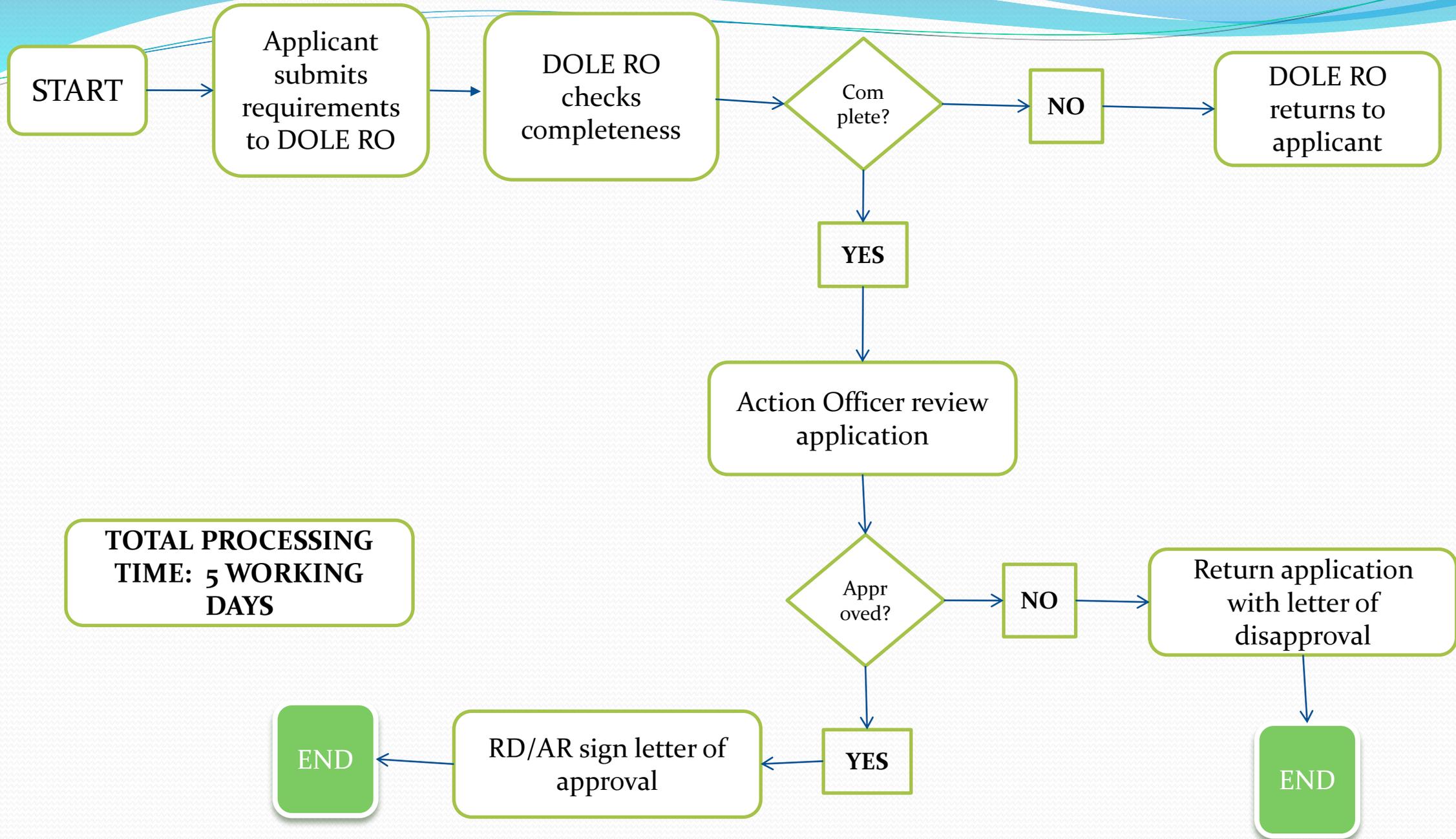
Requirements:

(3 sets of hard copy & 1 set of e-copy saved in USB or CD)

1. Properly accomplished application forms
2. Certificate of Appearance of the signing PME
3. Technical plans
 - a. Duly accomplished Manufacturer's Data Report;
 - b. Equipment drawing with technical specifications;
 - c. Equipment design computation



CONSTRUCTION SAFETY AND HEALTH PROGRAM





REGISTRY OF ESTABLISHMENT

