**PROCEDURE LEVEL OF USE CLASSIFICATION PER NMP-AP-003**

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<td>PURPOSE</td>
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## TASK COVER SHEET

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**(QC) ONLY**

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**ALL PERSONNEL INVOLVED IN PERFORMING PROCEDURE**

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# TASK COVER SHEET

**COMMENTS:**

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**TOTAL NUMBER OF PAGES USED (Signatures, Initials, Data, etc.)** ________________

**REVIEWED BY:** ___________________________ **DATE:** ________________

Cognizant Supervisor
1.0 PURPOSE

1.1 Assemble the legoland builder per procedure and figures 1-7 in the back of the procedure.

1.2 RESPONSIBILITY

All qualified Employees directed by supervision are responsible for the performance of this procedure.

2.0 PRECAUTIONS AND LIMITATIONS

2.1 Prior to assembly, ensure all components are free of FME.

2.2 Extreme care shall be taken with lego pieces. Extreme force can cause damage to the pieces.

2.3 Broken or missing pieces shall be reported immediately to supervision.

2.4 Steps in this procedure may be performed out of sequence only:

2.4.1 With prior approval of the cognizant supervisor.

2.4.2 If they do not violate the intent of the procedure.

2.4.3 If they are documented in the "Comments" section of the "Task Cover Sheet".

2.5 QC Hold Points shall not be bypassed.
3.0 PREREQUISITES AND INITIAL CONDITIONS

3.1 Approved lego pieces have been staged. □

3.2 Qualifications have already been verified. □

3.3 No clearance is required to perform this task. □

3.4 **Obtain** Shift Supervisor, or designee, authorization prior to performing work.

**TEST STARTED:**

<table>
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<tr>
<th>DATE</th>
<th>TIME</th>
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__________
Initial

3.5 **Verify** all Prerequisites or Initial Conditions are met.

__________
Initial
NOTE:
Reference Figures 1 - 7 for assembly.

4.0 MAIN BODY

4.1 GROUP ASSIGNMENTS

CAUTION
Use extreme caution when handling lego container. If lego pieces are lost or damaged, the legoland builder will not function properly.

4.1.1 Carefully remove the lid to the plastic containers holding the lego pieces.

4.1.2 If you have been designated as Group #1, proceed to Section 4.2.

4.1.3 If you have been designated as Group #2, proceed to Section 4.3.

4.1.4 If you have been designated as Group #3, proceed to Section 4.4.

4.1.5 If you have been designated as Group #4, proceed to Section 4.5.

4.1.6 If you have been designated as Group #5, proceed to Section 4.6.
4.2 GROUP #1

NOTE
When assembling lego pieces, ensure all pieces are assembled on the lego base as shown in Figure 1.

4.2.1 Place blue base on table, face up with studs showing and with black marked studs at the bottom left as shown in Figure 7.

4.2.2 Place one yellow 8 stud lego on the front left corner of the base, covering the black marked studs.

4.2.3 Stack one yellow 8 stud legos on top of the first yellow lego piece.

4.2.4 Stack one red 8 stud lego on top of the 2 previously installed yellow legos.

NOTE
No foreign material shall exist in legos.

4.2.5 Place one window assembly on top of the red 8 stud lego, shutter side out, facing you.

4.2.6 Install one yellow 8 stud lego on the right side of the window assembly and on the blue base.

4.2.7 Stack one yellow 8 stud lego on top of the yellow lego piece previously installed.

4.2.8 Stack one orange 8 stud lego on top of the 2 previously installed yellow legos.
4.2.9 **Place** one window assembly on top of the red 8 stud lego previously installed, shutter side out, facing you.

--- Initial

4.2.10 **Install** one yellow 8 stud lego on the right side of the second window assembly and on the blue base.

--- Initial

4.2.11 **Stack** one yellow 8 stud lego on top of the yellow lego piece previously installed.

--- Initial

4.2.12 **Stack** one red 8 stud lego on top of the 2 previously installed yellow legos.

--- Initial

4.2.13 **Place** one window assembly on top of the red 8 stud lego previously installed, shutter side out, facing you.

--- Initial

4.2.14 **Place** one red 12 stud lego on top of the left window and covering the left half of middle window.

--- Initial

4.2.15 **Place** one red 12 stud lego on top of the right window and covering the right half of the middle window.

--- Initial

4.2.16 **Proceed** to section 4.7.

--- Initial
4.3 GROUP #2

NOTE
When assembling lego pieces, ensure all pieces are assembled on the lego base as shown in Figure 2.

4.3.1 Place blue base on table, face up with studs showing and with black marked studs at the bottom left as shown in Figure 7.

4.3.2 Place one yellow 8 stud lego on the front left corner of the base, covering the black marked studs.

4.3.3 Stack one red 8 stud lego on top of the first yellow lego piece.

4.3.4 Place one window assembly on top of the red 8 stud lego, shutter side out.

NOTE
No foreign material shall exist in legos.

4.3.5 Place door assembly on the blue base and on the right side of the window assembly, door side out.

4.3.6 Install one yellow 8 stud lego on the blue base and on the right side of the door.

4.3.7 Stack one orange 8 stud lego on top of the yellow lego installed in the previous step.

4.3.8 Place one window assembly on top of the previously installed red lego, shutter side out.
4.3.9 Install one blue 4 stud lego on the back side of the left window frame.

Initial

4.3.10 Install one blue 4 stud window overhang lego on the front side of the left window frame.

Initial

4.3.11 Install one blue 4 stud lego on the back side of the right window frame.

Initial

4.3.12 Install one blue 4 stud window overhang lego on the front side of the right window frame.

Initial

4.3.13 Place one blue 12 stud lego on top of the left window and covering the left half of the door.

Initial

4.3.14 Place one blue 12 stud lego on top of the right window and covering the right half of the door.

Initial

4.3.15 Install door handle on door.

Initial

4.3.16 Proceed to section 4.7.

Initial
4.4 GROUP #3

NOTE
When assembling lego pieces, ensure all pieces are assembled on the lego base as shown in Figure 3.

4.4.1 Place blue base on table, face up with studs showing and with black marked studs at the bottom left as shown in Figure 7.

4.4.2 Place one yellow 8 stud lego on the front left corner of the base, covering the black marked studs.

4.4.4 Stack four red 6 stud legos on the far left side on top of the left yellow lego piece installed.

4.4.5 Place one yellow 8 stud lego longways on the right side of the previously built assembly on the blue base.

4.4.6 On the far right side of the previously installed lego piece, Stack one yellow 6 stud lego on top.

NOTE
No foreign material shall exist in legos.

4.4.7 Stack three orange 6 stud legos on top of the yellow lego piece installed in previous step.

4.4.8 In between the two stacked assemblies, install one yellow 4 stud lego on the two yellow 8 stud legos installed on the blue base.

4.4.9 Stack three red 4 stud legos on top of the yellow 4 stud lego installed in the previous step.
4.4.10 Install one red 8 stud lego on the top left side of the assembly.

Initial

4.4.11 Install one red 8 stud lego on the top right side of the assembly.

Initial

4.4.12 Install one red 16 lego on top of the two previously installed red legos.

Initial

4.4.13 Proceed to section 4.7.

Initial
4.5 GROUP #4

NOTE
When assembling lego pieces, ensure all pieces are assembled on the lego base as shown in Figure 4.

4.5.1 Place blue base on table, face up with studs showing and with black marked studs at the bottom left as shown in Figure 7.

4.5.2 Place one yellow 8 stud lego on the front left corner of the base, covering the black marked studs.

4.5.3 Place one yellow 8 stud lego longways on the right side of the first lego.

4.5.4 Stack one yellow 12 stud lego on the top of the left yellow lego installed.

NOTE
No foreign material shall exist in legos.

4.5.5 Stack four red 4 stud legos on the right side of the yellow 12 stud lego installed in the previous step.

4.5.6 Install one window on the left side of the 4 previously installed red legos, shutter side NOT facing you.

4.5.7 Stack three orange 4 stud legos on the left side of the window.

4.5.8 Install one red 8 stud lego on top left side of the assembly covering the left half of the window.
4.5.9 **Install** one red 8 stud lego on top right side of the assembly covering the right half of the window.

4.5.10 **Install** one red 16 stud lego on top of the previously installed legos.

4.5.11 **Proceed** to section 4.7.
4.6 GROUP #5

NOTE
When assembling lego pieces, ensure all pieces are assembled on the lego base as shown in Figure 5.

4.6.1 Place blue base on table, face up with studs and black marked studs in the back as shown in Figure 6.

4.6.2 Place seven red 8 stud legos on the on the base, covering only the black marked studs.

4.6.3 Place three blue 8 stud legos longways on the open row between the two red legos on the blue base.

4.6.4 Stack a red 8 stud lego on front left corner of the assembly covering half of a red lego and half of a blue lego.

NOTE
No foreign material shall exist in legos.

4.6.5 Place longways, not stack, three additional red 8 stud legos on the right side of the lego previously installed.

4.6.6 Place longways, not stack, four red 8 stud legos on the backside of the assembly.

4.6.7 Install one orange 8 stud lego on the left side of the assembly in the open spot.
4.6.8 **Install** one red 8 stud lego on the right side of the assembly in the open spot.

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Initial
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4.6.9 **Install** the black plate on the inside studs of the assembly covering the open hole.

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Initial
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4.6.10 **Place** (8) black 4 stud overhang legos on the outside studs on the front and back of the assembly, ensuring all of the outside red studs are covered.

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Initial
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4.6.11 **Place** the remaining black stud overhang legos on the outside studs on the sides of the assembly, ensuring all of the outside red studs are covered.

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Initial
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4.6.12 **Proceed** to section 4.7.

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Initial
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4.7 FINAL LEGOLAND ASSEMBLY

4.7.1 Inform foreman that your assembly is complete.

**NOTE**

Extreme caution must be taken when removing assembly from blue base.

4.7.2 Carefully remove assembly from blue base.

**QC HOLD POINT**

4.7.3 Request QC Inspector to inspect assembly for loose parts.

**CAUTION**

Improper assembly of the legoland builder could result in the failure of the other groups.

**NOTE**

Steps 4.7.5 – 4.7.9 must be performed in the order prescribed.

4.7.5 If Group #2, place your assembly on the front edge of the green base, door side out, two lego studs from the left side.

4.7.6 If Group #1, place your assembly directly behind Group #2’s lego assembly, window side facing the back side of the green base, leaving four rows of green studs visible between your assembly and Group #2’s assembly.

4.7.7 If Group #4, connect your assembly on the right side of the green base matching up the colors of the other two assemblies installed, window side out.
4.7.8 If Group #3, **connect** your assembly on the left side of the three assemblies installed on the green base matching up the colors.

____________________
Initial

4.7.9 If Group #5, **place** your assembly on top of the four assemblies previously installed matching up the stud holes and colors.

____________________
Initial

4.7.10 **Notify** shift supervisor or designee of work completion and legoland builder status.

____________________
Initial

4.7.11 **Obtain** a pass or fail grade from shift supervisor. **Document** that grade here: __________

____________________
Initial
5.0 ACCEPTANCE CRITERIA

5.1 The procedure was followed step by step.

5.2 The nuclear legoland builder has been visually inspected, is free of FME, and the as left assembly will function properly.

5.3 All instruction steps, human performance actions and post critique briefing have been completed.

END OF PROCEDURE TEXT