

## Attachment J-C16.3

### Brick Inspections of Buildings

The following is the list of buildings to have Brick Inspections completed. Complete the Checklist below for each building.

<u>Building No.</u>	<u>Building Name</u>
0003	ADMINISTRATION BUILDING
0004	FLIGHT RESEARCH BUILDING
0005	ENGINE RESEARCH BUILDING
0006	CHEMISTRY LABORATORY
0007	MICROWAVE SYSTEMS LABORATORY
0008	Business Service Center
0009	REFRIGERATION BUILDING
0011	ICING RESEARCH TUNNEL (IRT)
0012	STEAM PLANT
0014	TECHNICAL SERVICES BLDG.
0015	EDWARD R. SHARP EMPLOYEE CENTER
0016	ELECTRIC PROPUL.RES.BLDG.
0021	ENGINEERING & SUPPLY BLDG
0023	ENGINE RES.BLDG.WEST WING
0034	MATERIALS RESEARCH LABORATORY
0037	ENGINE RES.BLDG.NW WING
0038	HIGH PRESSURE FACILITY
0044	GAS METER HOUSE
0049	MATERIALS & STRUCTURES LABORATORY
0050	FABRICATION SHOP
0051	HIGH TEMPERATURE COMPOSITES LAB.
0053	8X6 FT.SWT DRV.EQUIP.BLDG
0054	8X6 FT. RESEARCH & CONTROL BUILDING
0060	BUSINESS SERVICE CENTER
0061	8X6 SWT MODELS PREPARATION BUILDING
0063	HIGH TEMPERATURE VAPOR PLANT
0074	PSL COOL.TWR.WATER PUMP B
0077	INSTRUMENT RESEARCH LAB.
0086	10X10 SWT OFFICE & CONTROL BUILDING
0094	10X10 SWT COOL.TWR.WAT. PUMP BUILD.
0098	ENGINE COMP.RES.LAB.ANNEX
0100	ROCKET OPERATIONS BLDG.
0101	OPERATIONS/INTEGRATION BUILDING
0102	ENGINE COMPONENTS RESEARCH LAB.
0105	MATERIALS PROCESSING LABORATORY
0106	BASIC MATERIALS LABORATORY
0110	SPACE EXPERIMENTS LABORATORY
0125	PSL ENGINE TEST BUILDING
0142	RESEARCH ANALYSIS CENTER

<b><u>Building No.</u></b>	<b><u>Building Name</u></b>
0143	CENTRAL CONTROL BUILDING
0145	AEROACOUSTIC PROPULSION LAB
0152	SHIPPING AND RECEIVING FACILITY
0154	MAIN GATE
0162	CENTRAL OFFICE BUILDING
0301	ELECTRIC POWER LABORATORY
0302	ENERGY CONVERSION LABORATORY
0309	SPACE POWER RESEARCH LABORATORY
0333	POWER SYSTEMS FACILITY
0334	FUEL CELL TESTING FACILITY
0340	CHILD DEVELOPMENT CENTER
0341	FITNESS CENTER

## Annual Brick Masonry Inspection Checklist

**Building Number** \_\_\_\_\_

**Date** \_\_\_\_\_

Provide written report of any deficiencies indicated on the list below. Include digital photographic documentation with report.

LOCATION		ITEM OR CONDITION	BUILDING ELEVATION			
			NORTH	SOUTH	EAST	WEST
<b>Above Grade</b>	<b>Masonry</b>	Cracked Units				
		Loose Units				
		Spalled Units				
		Hairline Cracks in				
		Mortar				
		Deteriorated Mortar				
		Joints				
		Missing or Clogged				
		Weeps				
		Plant Growth				
		Deteriorated/Torn				
		Sealants				
		Out-of-Plumb				
		Efflorescence				
	Stains					
	Water Penetration					
	<b>Flashing/ Counter- flashing</b>	Damaged				
		Open Lap Joints				
		Missing				
		Stains				
	<b>Caps/Copings/ Sills</b>	Inadequate Slope				
		Cracked Units				
		Hairline Cracks in Mortar				
		Loose Joints				
		Open Joints				
		Out-of-plumb				
	<b>Below Grade</b>	<b>Foundatio n Walls</b>	Drips Needed			
Deteriorated Mortar Joints						
Cracks						
Separation from Flooring						
Inadequate Drainage						
<b>Retaining Walls</b>		Water Penetration				
		Spalled Units				
		Deteriorated Mortar Joints				
		Cracks				
		Out-of Plumb				
<b>Other Elements</b>		Dampness				
		Inadequate Drainage				
		Roof Overhangs				
	Gutters/Leaders					
	Seal at Adjacent Materials					
	Grade/Drainage					