Sub-Category	Product	Product Type	Required Attribute (Or function unless specified)	Comments
ILDING CONSTI	RUCTION		uniess specified)	
ILDING CONSTI	COCTION	Steel	See EPA guidance at www.epa.gov/cpg	
Bathroom Fixtures	Shower and restroom	Steel	20 - 100% recovered plastic, including	
Datin com i ixtures	dividers/partitions (R)	Plastic	20 - 100% recovered plastic, including 20-100% postconsumer content	
		Rock wool	75% recovered slag	No biobased, post consumer or recovered material included in current specs. For normally used fiberg and rigid foam, content levels can be included in th next update. Owens-Corning has fiberglass insulati with 35% recycled content. They also have rigid for with 20% recycled content. May want to add some the other insulation materials to the specs (rock we cellulose, foam in place, insulating foam).
		Fiberglass	20-25% recovered glass	
		Cellulose loose-fill and spray-on	75% postconsumer paper	
		Perlite composite board	23% postconsumer paper	
	Building insulation (R, ES)	Rigid foam	9% recovered material Foam Board Rigid - polyisoanurate (roof & concrete bldgs) • No HBCDs • No VOCs	
		Foam-in-place	5% recovered material Foam – polyisoanurate or polyurethane (preinsulated metal siding) • GREENGUARD • 23% biobased	
		Glass fiber reinforced	6% recovered material	
		Phenolic rigid foam	5% recovered material	
		Plastic, non-woven batt	100% recovered and/or postconsumer	
		Plastic insulating foam for residential and commercial construction (BP)	plastics 7% minimum biobased content	
	Ceiling Fans (ES)		ENERGY STAR	
	. ,	Interior Panels	55% minimum biobased content *No VOCs • GREENGUARD* • EcoLogo 020 • D-100% PC recycled*	
	Composite panels (BP)	Plastic Lumber	23% minimum biobased content *No VOCs • GREENGUARD* • EcoLogo 020 • D-100% PC recycled*	
		Structural Interior Panels	89% minimum biobased content *No VOCs GREENGUARD* • EcoLogo 020 • D-100% PC recycled*	
		Structural Wall Panels	94% minimum biobased content * No VOCs • GREENGUARD* • EcoLogo 020 • D-100% PC recycled*	
	Doors and skylights (ES)		ENERGY STAR	No specific mention of Energy Star and FEMP in e specs. Need to do more research to see if infiltrati requirements in spec comply with Energy Star an FEMP requirements. Can incorporate table requirements when spec is updated.
	Erosion control materials (BP)	Woven and non-woven fiber	77% minimum biobased content	
	Floor tiles (R)	materials Plastic	(7/23/2012 compliance date) 90-100% recovered plastic • EcoLogo 152 • FloorScore*	look at the VAT and Sheet Vinyl specs and add appropriate requirements. The table under Buildi Finishes does not include VAT or Sheet Vinyl.
		Rubber	90-100% postconsumer rubber or	
	Patio blocks (R)	Plastic	rubber blends 90-100% recovered plastic or plastic	
			blends	
	Transformers (ES, BP)	Synthetic ester-based	66% minimum biobased content	
		Vegetable oil-based	95% minimum biobased content	1

Attachment 1 - Environmentally Preferable Products for Design Agency Created Specifications

uilding Construction,	Structural fiberboard	Paper	80-100% recovered material	
Renovation, and Maintenance		Steel	25-100% recovered steel, including 16-	
	Modular threshold ramps ®		67% postconsumer content	
		Aluminum Rubber	10% recovered aluminum 100% postconsumer rubber	
		Steel	See EPA guidance at www.epa.gov/cpg	Nonpressure pipe is defined as DWV pipes used for drainage, sanitary waste and vents and are described LANL Master Specifications 22 1316 and 1413 but di not addressed the postconsumer or the recovered material content. Specification for steel pipes is generally based on ASTM A74. Cannot find any speci ASTM standard for recycled steel material.
		HDPE	100% postconsumer high density polyethylene	At LANL, HDPE is for pressure only (nat gas, option water)
	Nonpressure pipes (R)	PVC	25-100% recovered polyvinyl chloride, including 5-15% postconsumer content	Nonpressure pipe is defined as DWV pipes used for drainage, sanitary waste and vents and are described LANL Master Specifications 22 1316 and 1413 wher PVC have been specified but did not addressed the postconsumer or the recovered material content. Specification is based on ASTM D2665 and D3034. TASTM standard that addressed the recycled PVC material is ASTM F1732.
		Concrete	See EPA guidance at www.epa.gov/cpg	33 4000 Storm Drainage Utilities – The only piping is the EPA guides are recycle material for use in non-pressure piping system. All the Civil master spec.s at for pressure systems except "plastic" pipe for storm water drainage and electrical conduit. The EPA prod manufacturers list has three drainage pipe and one conduit manufacturer. These present possibilities by seem limited at this time.
	Roofing materials (R, BP, ES)	Steel	See EPA guidance at www.epa.gov/cpg	1st, the steel that would be used as a structural roof material is addressed in 05 3000. 2nd, this sect. wo have to be expanded to comply since it currently doesn't address use of recyled material.
		Aluminum	20-90% recovered aluminum, including 20-90% postconsumer content	Aluminum is not a material permissible for use a structural metal deck (i.e., 05 3000) nor should it be since it's not strong enough to carry gravity & latera diaphragm loads.
		Fiber	50-100% recovered fiber or fiber composite, including 50-100% postconsumer content	ALL ROOFING: None of the current specs and the to new ones have any recycled or biobased content. Li will look at incorporating the requirements when Li update the specs which LANL is currently working Will need to check specified manufacturer's websit see if the specified materials actually have any recy or biobased content. Some of the Sandia Specs have minimum requirements and one specifies an Energ Star roofing system.
		Rubber	100% recovered rubber, including 12-	
		Plastic/composites	100% postconsumer content 100% postconsumer plastic or	
			plastic/rubber composite 20% biobased content	
		Plastic (polyol)	ENERGY STAR and FEMP	
		Roof Coating	20% - Minimum Biobased Content	
		Roofing Sealant	 EcoLogo 045 No VOCs D-energy efficient D-remanufactured* D+-50% biobased* 	
	Wood/Lumber		Salvaged lumber* Forest Stewardship Council Certified* No added urea-formaldehyde resins*	
	Windows (ES)		ENERGY STAR	No specific mention of Energy Star and FEMP in exspecs. Need to do more research to see if infiltratio requirements in spec comply with Energy Star and FEMP requirements. Can incorporate table requirements when spec is updated.
	Air-cooled chillers (FEMP)		FEMP	ESM Chapter 6 states that new equipment systems not contain CFCs or HCFCs. Most (if not all) vendor manufacturers follows the Clean Air Act and US Coregulation, and are currently using the accepted HF refrigerants. ESM Chapter 14, Sustainable Design, incorporated to DOE Order 430.2B requirements including achievin LEED Gold certification for new construction and purchase of energy efficient products with ENERGY STAR rating.

Attachment 1 - Environmentally Preferable Products for Design Agency Created Specifications

IVAC Controlled pumping systems (PEMP) PEMP				ENERGY STAR	
Centroligal pumping systems (PEMP) Commercial heart pumping (PEMP) Commercial heart pumping (PEMP) Electric water hosters (PEMP) Firmances (TS) Firmances (TS) Firmances (TS) Firmances (TS) Cas water hosters (PEMP) Cas water hosters (PEMP) Light commercial hearting and exoloning Light commercial hearting and exoloning Firmances (TS) Light commercial hearting and exoloning Light commercial hearting and exoloning Firmances (TS) NERRY STAR suspended as standard but see the PEMP benignment Firmances (TS) Firmances (TS) Nerry Alan Nerry Alan Light commercial hearting and exoloning Light commercial hearting and exoloning Firmances (TS) Nerry Alan Nerry Ala					
INVAC IN					
Commercial unitary air conditioners (PEMP) Firmore (IS)					
HVAC Parameter Parameter					
### Parameter (\$5) Case water hoaters (\$70MP)		3		FEMP	
Gas water hearers (FEMP)		Electric water heaters (FEMP)		FEMP	
# EPAP Designated **Linery Star* **Line Flag Designated **Line Flag Designated **Linery Star* **Line Flag Designated **Line Flag Designated **Linery Star* **Lin	HVAC	Furnaces (ES)			
Light commercial heating and cooling ENERGY STAR Programmable thermostats ENERGY STAR assembled its standard but not be the PRINCY STAR when the program of the program of the prince of the		Gas water heaters (FEMP)		EF 2 FEMP Designated Energy Star If heat pump not feasible, designated electric storage water heaters Tankless FEMP Designated	
Programmable thermostats Programmable thermo				*Energy Star	
Programmable thermostats				ENERGY STAR	
Veritlating fans (ES) ENREGY STAR Water coaled childres (FEMP) FEMP Concrete and asphalt release fluids (BP)		Programmable thermostats		but see the ENERGY STAR web site for	
Water-cooled chillers (PEMP) SEMP 87% minimum biobased content		Room AC (ES)			
Concrete and asphalt release fluids S7% minimum biobased content					
Total flooding agents				FEMP	
Total flooding agents Significant New Alternatives Policy (SNAP) Program for zone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for zone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for zone-depleting chemical substitutes		=		87% minimum biobased content	
Streaming applications SNAP Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes		<u> </u>	Total flooding agents	(SNAP) Program for ozone-depleting	
Halon substitute manufacturers SNAP] Program for ozone-depleting chemical substitutes	Miscellaneous		Streaming applications	(SNAP) Program for ozone-depleting	
TRAFFIC CONTROL PRODUCTS Channelizers (R)	miscenaneous	protection (SNAP)			
Channelizers (R) Plastic 25-95% recovered plastic, including 25- 95% postconsumer content Rubber 100% postconsumer rubber (base only) Plastic 25-90% recovered plastic, including 25- 95% postconsumer content Rubber 100% postconsumer content Rubber 100% postconsumer rubber (base only) Steel See EPA guidance at www.epa.gov/cpg. Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 95% postconsumer rubber (base only) Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 85% postconsumer rubber (base only) Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 85% postconsumer plastic and/or rubber Flexible delineators (R) Plastic 25-70% recovered concrete containing confile Flexible delineators (R) Plastic 25-70% recovered concrete containing confile Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% Flexible delineators (R) Plastic 25-70% postconsumer content Flexible delineators (R) Plastic 25-70% postconsumer content Flexible delineators (R) 25-70% postconsum	<i>m</i> iscellaneous	protection (SNAP)	Halon substitute manufacturers	Significant New Alternatives Policy (SNAP) Program for ozone-depleting	
Channelizers (R) Plastic 25-95% recovered plastic, including 25- 95% postconsumer content Rubber 100% postconsumer rubber (base only) Plastic 25-90% recovered plastic, including 25- 95% postconsumer content Rubber 100% postconsumer content Rubber 100% postconsumer rubber (base only) Steel See EPA guidance at www.epa.gov/cpg. Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 95% postconsumer rubber (base only) Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 85% postconsumer rubber (base only) Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 85% postconsumer plastic and/or rubber Flexible delineators (R) Plastic 25-70% recovered concrete containing confile Flexible delineators (R) Plastic 25-70% recovered concrete containing confile Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% postconsumer content Flexible delineators (R) Plastic 25-70% recovered plastic signs, including 80-100% Flexible delineators (R) Plastic 25-70% postconsumer content Flexible delineators (R) Plastic 25-70% postconsumer content Flexible delineators (R) 25-70% postconsum	miscellaneous		Halon substitute manufacturers	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes	
Channelizers (R) Rubber		Water tank coatings (BP)	Halon substitute manufacturers	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes	
Plastic 25-90% recovered plastic, including 25- 95% postconsumer content Rubber 100% postconsumer rubber (base only) Steel See EPA guidance at www.epa.gov/cpg Flexible delineators (R) Plastic 25-85% recovered plastic, including 25- 85% postconsumer content Parking stops (R) Plastic 07-85% postconsumer content Parking stops (R) 100% postconsumer plastic and/or rubber 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash Concrete 25-70% recovered concrete containing ground granulated blast furnace slag ground granulated blast furnace slag solutions including 80-100% postconsumer content Signage (R) 25% postconsumer aluminum signs 35 Signage – Subcontractors supplies traffic control signs as a portion of road and highway projects. Aluminum 25% postconsumer aluminum signs 36 aluminum. It is not specific in the master spec. but this could be noted in the documents.		Water tank coatings (BP)	Halon substitute manufacturers	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content	
Delineators (R) Rubber		Water tank coatings (BP) DL PRODUCTS		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-	
Steel See EPA guidance at www.epa.gov/cpg		Water tank coatings (BP) DL PRODUCTS	Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only)	
Flexible delineators (R) Plastic 25-85% recovered plastic, including 25-85% postconsumer content Plastic or rubber Parking stops (R) Parking stops (R) Concrete 20-40% recovered concrete containing coal fly ash Concrete 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content Aluminum Signage (R) Plastic Aluminum 25% postconsumer aluminum signs 80-100% recovered plastic sign as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this could be noted in the documents. Plastic 80-100% recovered plastic sign posts/supports, including 80-100%		Water tank coatings (BP) DL PRODUCTS	Plastic Rubber	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-	
Plastic 85% postconsumer content Plastic or rubber 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash		Water tank coatings (BP) DL PRODUCTS Channelizers (R)	Plastic Rubber Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25- 95% postconsumer content	
Parking stops (R) Plastic or rubber Concrete Concrete		Water tank coatings (BP) DL PRODUCTS Channelizers (R)	Plastic Rubber Plastic Rubber	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg	
Parking stops (R) Concrete 20-40% recovered concrete containing coal fly ash Concrete 25-70% recovered concrete containing ground granulated blast furnace slag B0-100% recovered plastic signs, including 80-100% postconsumer content Signage (R) Plastic Aluminum Signage (R) Signage – Subcontractors supplies traffic control signs as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this could be noted in the documents. B0-100% recovered plastic sign posts/supports, including 80-100%		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R)	Plastic Rubber Plastic Rubber Steel	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-	
Concrete 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content Signage (R) Plastic Aluminum 25% postconsumer aluminum signs 80-100% recovered plastic signs, including 80-100% postconsumer aluminum signs The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this could be noted in the documents. 80-100% recovered plastic sign posts/supports, including 80-100%		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R)	Plastic Rubber Plastic Rubber Steel Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25- 85% postconsumer content 100% postconsumer content 100% postconsumer plastic and/or rubber	
Plastic including 80-100% postconsumer control signs as a portion of road and highway projects. Signage (R) Aluminum 25% postconsumer aluminum signs 25% postconsumer aluminum signs aluminum. It is not specific in the master spec. but this could be noted in the documents. 80-100% recovered plastic sign posts/supports, including 80-100%		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic or rubber	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing	
Signage (R) Aluminum 25% postconsumer aluminum signs aluminum. It is not specific in the master spec. but this could be noted in the documents. 80-100% recovered plastic sign posts/supports, including 80-100%		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag	
Plastic posts/supports, including 80-100%		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete Concrete	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer	Signage – Subcontractors supplies traffic control signs as a portion of road and highway projects.
posiconsumer content		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Concrete Concrete	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
Steel See EPA guidance at www.epa.gov/cpg		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete Concrete Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-95% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-95% postconsumer rubter 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
Plastic 100% recovered plastic, including 80-		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete Concrete Plastic Aluminum Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic or rubber Concrete Concrete Aluminum Plastic Steel	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25- 95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25- 85% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg 100% recovered plastic, including 80-	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
Fiberglass 100% recovered fiberglass		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R) Signage (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete Concrete Aluminum Plastic Steel Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-95% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg 100% recovered plastic, including 80-100% postconsumer content	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R) Signage (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete Concrete Plastic Aluminum Plastic Steel Plastic Steel Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-95% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg 100% recovered plastic, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
Traffic cones (R)		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R) Signage (R) Traffic barricades (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic Concrete Concrete Plastic Aluminum Plastic Steel Plastic Steel Plastic	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-95% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg 100% recovered plastic, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this
		Water tank coatings (BP) DL PRODUCTS Channelizers (R) Delineators (R) Flexible delineators (R) Parking stops (R) Signage (R)	Plastic Rubber Plastic Rubber Steel Plastic Plastic Plastic or rubber Concrete Concrete Plastic Aluminum Plastic Steel Plastic Steel Plastic Steel Fiberglass	Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 59% biobased content 25-95% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) 25-90% recovered plastic, including 25-95% postconsumer content 100% postconsumer rubber (base only) See EPA guidance at www.epa.gov/cpg 25-85% recovered plastic, including 25-85% postconsumer content 100% postconsumer plastic and/or rubber 20-40% recovered concrete containing coal fly ash 25-70% recovered concrete containing ground granulated blast furnace slag 80-100% recovered plastic signs, including 80-100% postconsumer content 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg 100% recovered plastic, including 80-100% postconsumer content See EPA guidance at www.epa.gov/cpg	as a portion of road and highway projects. The sign material used by LANL and subcontractors is aluminum. It is not specific in the master spec. but this

Compact [1] Image: compact position and a 2 422 declarage of 2 422	LANDSCAPING				
Compost activitation and accelerators Compost activitation and accelerators Compost activity Composition		Compost (R)	biosolids, or other recovered organic	100% recovered organic materials	Compost/fertilizer from recovered organic material, The compost available locally is from the County of Los Alamos Solid Waste Division. If the compost is used on the LANL property test results, Biosolid Sampling, will need to be submitted for compliance with EPA Guide to the Part 503 Rule for metals, pathogen, nitrogen, and PCB's. Selective placement of material would have to be considered concerning potential for storm water runoff. 32 9300 Plants – Compost/fertilizer from recovered organic material, The compost available locally is from the County of Los Alamos Solid Waste Division. If the compost is used on the LANL property test results, Biosolid Sampling, will need to be submitted for compliance with EPA Guide to the Part 503 Rule for
Part			Compost Materials	95% minimum biobased content	
Notice that the process of the pro					
Landscape Irrigation services (VS) Lawn and garden origing (R) Lawn and garden origing (R) Lawn and garden origing (R) Plastic lumber landscaping timber and posts (F) Plastic lumber and sepalation posts (F) Plastic lumber landscaping timber and posts (F) Plastic lumber and posts (F) Plastic lumbe		Hydraulic mulch (R)			503 Rule for metals, pathogen, nitrogen, and PCB's.
Lawn and garden eliging (R) Second Plantic and John Conservation Second Plantic Conservation Second Pla			Wood-based hydraulic mulch	* *	32 8400 Planting Irrigation - Decign for water
Lawn and garden edging (R)		Landscape irrigation services (WS)			
Plastic lumber landscaping timber and posts (R) Plastic lumber landscaping timber lumber landscaping timber lumber lumber landscaping timber lumber lumber landscaping timber lumber l		Lawn and garden edging (R)		rubber, including 30-100%	
Plastic lumber landscaping timber and posts (R)				75-100% recovered high density polyethylene, including 25-100%	
Posts (R) Posts (R) Posts (R) Posts (R) Posts (R) Posts (R) Posts (R) Po		Plastic lumber landscaping timber and		including 50% postconsumer content	
Meather or sensor-based irrigation control technologies (WS) Meather or sensor-based irrigation Meather or senso				polyethylene/fiberglass, including 75% postconsumer content	
Concrete and asphalt release fluids (BP) Woven and non-woven fiber materials (BP) Woven and non-woven fib				95-100% other mixed recovered resins, including 50-100% postconsumer	
Concrete and asphalt release fluids [BP] Erosion control materials (BP) woven and non-woven fiber materials (77,733/72012 compliance date)				WaterSense	9 9
Concrete and asphalt release fluids BP woven and non-woven fiber materials BP woven and non-woven fiber materials BP woven and non-woven fiber materials BP Pavement treatment (DFE) Concrete 15-20% recovered coal fly ash Rubber Steel See EPA guidance at tww epa.gov/cpg Wood composite, including 90-97% recovered plastic or plastic composite, including 95-95% postconsumer content Displayment of zone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depletin	ROADWAY CONSTR				Conscivation
Pavement treatment (DIE) Concrete 15-20% recovered coal fly ash Railroad grade crossing surfaces (R) Rober See EPA guidance at www.epa.gov/cpg		Concrete and asphalt release fluids			
Pavement treatment (DRE) Railroad grade crossing surfaces (R) Rood 90-97% recovered wood or wood composite, including 90-97% postconsumer content 100% recovered plastic or plastic or plastic composite, including 85-95% postconsumer content 100% recovered plastic sor plastic composite, including 85-95% postconsumer content Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes substitutes substitutes Fire suppression and explosion protection (SNAP) Fire suppression and explosion gents Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Streaming applications Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Aluminum Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 80-100% recovered plastic signs, including 80-100% postconsumer content 80-100% recovered plastic signs, including 80-100% postconsumer content 80-100% recovered plastic signs, postconsumer content 80-100% recovered plasti		Erosion control materials (BP)	woven and non-woven fiber materials		
Rulber 85-95% recovered tire rubber Steel See EPA guidance at www.epa.gov/cpg Wood 90-97% recovered wood or wood composite, including 90-97% nostconsumer content 100% recovered plastic or plastic composite, including 98-95% postconsumer content 2004 postconsumer content 2006 postconsumer aluminum signs 2005 postconsumer aluminum signs 2005 postconsumer content 2006 postconsumer c		Pavement treatment (DfE)			
Steel See EPA guidance at www.epa.gov/cpg				*	
Railroad grade crossing surfaces (R) Wood Suppost consumer content Plastic Plastic Total flooding agents Streaming applications Streaming applications Fire suppression and explosion protection (SNAP) Fire suppression and explosion gents Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alt					
BUILDING INTERIOR Fire suppression and explosion protection (SNAP) Fire suppression and explosion protection for a Content of Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone		Railroad grade crossing surfaces (R)		90-97% recovered wood or wood composite, including 90-97% postconsumer content	
BUILDING INTERIOR Fire suppression and explosion protection (SNAP) Total flooding agents Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Halon substitute manufacturers Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New A			Plastic	100% recovered plastic or plastic composite, including 85-95%	
Fire suppression and explosion protection (SNAP) Streaming applications Streaming applications Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 80-100% recovered plastic signs, including 80-100% postconsumer content Aluminum 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content Steel See EPA guidance at www.epa.gov/cpg	BUILDING INTERIO	R			
Fire suppression and explosion protection (SNAP) Streaming applications (SNAP) Program for ozone-depleting chemical substitutes Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes 80-100% recovered plastic signs, including 80-100% postconsumer content Aluminum 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content Steel See EPA guidance at www.epa.gov/cpg			Total flooding agents	(SNAP) Program for ozone-depleting chemical substitutes	
Halon substitute manufacturers (SNAP) Program for ozone-depleting chemical substitutes 80-100% recovered plastic signs, including 80-100% postconsumer content Aluminum 25% postconsumer aluminum signs 80-100% recovered plastic sign Plastic 90-100% recovered plastic sign posts/supports, including 80-100% postconsumer content Steel See EPA guidance at www.epa.gov/cpg			Streaming applications	(SNAP) Program for ozone-depleting chemical substitutes	
Plastic including 80-100% postconsumer content Aluminum 25% postconsumer aluminum signs 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content Steel See EPA guidance at www.epa.gov/cpg			Halon substitute manufacturers	(SNAP) Program for ozone-depleting chemical substitutes	
Signage (R) 80-100% recovered plastic sign Plastic posts/supports, including 80-100% postconsumer content Steel See EPA guidance at www.epa.gov/cpg				including 80-100% postconsumer content	
Steel See EPA guidance at www.epa.gov/cpg		Signage (R)		80-100% recovered plastic sign posts/supports, including 80-100%	
Water Coolers (ES) ENERGY STAR			Steel		
		Water Coolers (ES)		ENERGY STAR	

BUILDING FINISHES				
	Carpet (BP)	Woven, tufted, or knitted fiber and a backing system	7% minimum biobased content	For carpet backing specifies highest % available but 0% is not acceptable. Also specifies that carpet be 100% recyclable. Can incorporate table requirements when spec is updated. DCARR
		Bonded polyurethane	15-50% old carpet cushion, including 15-	Whom open to aparated a 2 cm.
		Jute	50% postconsumer content 40% postconsumer burlap	
С	Carpet cushion (R)	Synthetic fibers	100% recovered carpet fabrication scrap	
		Rubber	60-90% recovered tire rubber, including 60-90% postconsumer content	
	Compact fluorescent lamps (CFLs) ES)		FEMP DESIGNATED ENERGY STAR	update to replace "energy efficient" with "Energy Star."
1	Downlight luminaires (FEMP)		FEMP DESIGNATED	update 25 5100 to include FEMP-designated
	loor tiles (heavy duty/commercial)	Rubber	ENERGY STAR 90-100% postconsumer rubber	performance requirements.
	R)	Plastic	90-100% recovered plastic	
F	fluorescent ballasts (FEMP)		FEMP	update 25 5100 to include FEMP-designated performance requirements.
F	fluorescent luminaires (FEMP)		FEMP	update 25 5100 to include FEMP-designated performance requirements.
F	luorescent tube lamps (FEMP)		FEMP	update 25 5100 to include FEMP-designated performance requirements.
	ED lighting		ENERGY STAR	update 25 5100 to include ENERGY STAR-qualified and
	ight fixtures (ES)		ENERGY STAR	FEMP-designated performance requirements.
	ighting controls (FEMP) D AIR CONDITIONING [SN	AD FCI	FEMP	
С	Chillers		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	Covered in ESM Chapter 6. ESM states that new refrigeration equipment systems can not contain CFCs or HCFCs. Most (if not all) vendors or manufacturers follows the Clean Air Act and US Code regulation, and are currently using the accepted HFC refrigerants. ESM Chapter 14, Sustainable Design, incorporated the DOE Order 430.2B requirements including purchase of energy efficient products with ENERGY STAR rating.
С	old storage warehouses		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
C	Commercial freezers		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
C	Commercial refrigerators		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star	
C	Commercial ice machines		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
Н	leat transfer		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
Н	lousehold refrigerators and freezers		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
I	ndustrial Process air conditioning		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
	ndustrial process refrigeration ystems		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
R	Retail food refrigeration		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	
	Very low temperature refrigeration ystems		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	

Attachment 1 - Environmentally Preferable Products for Design Agency Created Specifications

	Water coolers		Significant New Alternatives Policy (SNAP) Program for ozone-depleting chemical substitutes Energy Star, FEMP	Energy and water efficient electric water coolers are specified in Rev 4 of Plumbing Fixture Specification Section 22 4200. Equipment specified are GreenSpec listed and used HFC-134a refrigerant.
PARK AND REC	CREATION			
	Bike racks (R)	Steel	25-30% recovered steel, including 16% postconsumer content	
	Diffe ratio (11)	Plastic	100% postconsumer high density polyethylene	
		Plastic	100% recovered plastic, including 90- 100% postconsumer content	
	Park benches and picnic tables (R)	Plastic Composite	100% recovered plastic composites, including 50-100% postconsumer content	
		Aluminum	25% postconsumer aluminum	
		Concrete	15-40% recovered concrete	
		Steel	Steel - See EPA guidance at www.epa.gov/cpg	
	Plastic fencing (R)	Plastic	90-100% recovered plastic, including 60- 100% postconsumer content	
	Running tracks (R)	Rubber or Plastic	90-100% postconsumer rubber or plastic	
		Plastic	Plastic- 80-100% recovered plastic signs, including 80-100% postconsumer content	
	Signage (R)	Aluminum	Aluminum - 25% postconsumer aluminum signs	
		Plastic	Plastic- 80-100% recovered plastic sign posts/supports, including 80-100% postconsumer content	
		Steel	Steel- See EPA guidance at www.epa.gov/cpg	
KITCHENS				
		Beverage vending machines (ES)	ENERGY STAR (new energy conservation standards eff. 09/31/2012)	
		Commercial hot food holding cabinets (ES)	ENERGY STAR	
		Commercial freezers (ES	ENERGY STAR	
		Commercial refrigerators - solid door (ES)	ENERGY STAR	
	Cafeteria Equipment and Products	Commercial refrigerators - glass door (ES)	ENERGY STAR	
		Commercial ice machines (ES)	ENERGY STAR	
		Commercial pressureless steamers (ES)	ENERGY STAR	
		Commercial fryers (ES)	ENERGY STAR (eff. 4/22/11 includes large vat gas and electric fryers)	
		Food cleaners (BP)	53% minimum biobased content	
		Griddles (ES)	ENERGY STAR	
		Ice machines (FEMP)	FEMP	
MICCELLANEOL	ue.	Ovens (ES)	ENERGY STAR	
MISCELLANEOU		T	PAPPCYCEAD	l
	Dehumidifiers (ES)	+	ENERGY STAR	NEMA "Dramium" motoro in Continu 26 0700
	Electric motors (FEMP)		FEMP (new standards for small electric motors eff. 03/09/2015)	NEMA "Premium" motors in Section 26 0700 meet FEMP efficiency requirements.
	Water tank coatings (BP)	26.1	59% minimum biobased content	
	Wood and concrete sealers (BP)	Membrane concrete sealers	11% minimum biobased content	
		Penetrating liquids	79% minimum biobased content	