

**Designation:** E2129 - 10 E2129 - 18

# Standard Practice for Data Collection for Sustainability Assessment of Building Products<sup>1</sup>

This standard is issued under the fixed designation E2129; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (\$\epsilon\$) indicates an editorial change since the last revision or reapproval.

### 1. Scope

- 1.1 This practice covers a set of instructions for collecting data to be used in assessing the sustainability of building products for use in both commercial and residential buildings.
- 1.1.1 There are many features of a building that contribute to sustainability; one of them is the selection of products for use in a building. Other key features influencing sustainability include, but are not limited to: overall efficiency of the design of the building, the impact the building has on the habits of the occupants, and the impact the building has on the microclimate and macroclimate. This standardpractice addresses sustainability issues related to building products. This standardpractice does not address sustainability issues related to overall building design, site selection, building operations, or other features influencing sustainability.
- 1.1.2 While it is recommended that users rely on professional judgment informed by both environmental expertise and specific knowledge of the intended use of the product, this <u>standardpractice</u> provides no instruction as to interpretation of the data obtained. Interpretation of the data obtained is the responsibility of the user of this <u>standard-practice</u>.
- 1.1.3 This document cannot replace education or experience and should be used in conjunction with professional judgment. Not all aspects of this practice may be applicable in all circumstances. This practice is not intended to represent or replace the standard of care by which the adequacy of a given professional service must be judged, nor should this document be applied without consideration of a project's project's many unique aspects. The word "standard" in the title means only that the document has been approved through the ASTM consensus process.
- 1.2 This standard practice is organized according to the Construction Specifications Institute's Institute's (CSI) MasterFormat<sup>2</sup> sections to promote consistency in the evaluation of building products.
- 1.2.1 CSI MasterFormat version 1995 is used to organize information in Table 2. Appendix X1 provides a cross reference comparison to CSI MasterFormat 2004.
- 1.3 This standardpractice includes general, comprehensive data requirements. Depending upon the building product, certain data requirements may not apply given the unique characteristics of the product and the potential environmental impacts related to the intended use of the product. Depending upon the building product, certain data requirements may need to be added as appropriate to the unique characteristics of the product and the potential environmental impacts related to the intended use of the product.
- 1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety safety, health, and health environmental practices and determine the applicability of regulatory limitations prior to use.
- 1.5 This international standard was developed in accordance with internationally recognized principles on standardization established in the Decision on Principles for the Development of International Standards, Guides and Recommendations issued by the World Trade Organization Technical Barriers to Trade (TBT) Committee.

#### 2. Referenced Documents

2.1 ASTM Standards:<sup>3</sup>

C618 Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete

<sup>&</sup>lt;sup>1</sup> This practice is under the jurisdiction of ASTM Committee E60 on Sustainability and is the direct responsibility of Subcommittee E60.01 on Buildings and Construction. Current edition approved Oct. 1, 2010 June 1, 2018. Published November 2010 June 2018. Originally approved in 2001. Last previous edition approved in 2005 2010 as E2129 – 10. DOI: 10.1520/E2129-10.10.1520/E2129-18.

<sup>&</sup>lt;sup>2</sup> The term "MasterFormat" and the MasterFormat logo are trademarks of <del>The Construction Specifications Institute (CSI), 99 Canal Center Plaza, Suite 300, Alexandria VA 22314, http://www.csinet.org.</del> (CSI).

<sup>&</sup>lt;sup>3</sup> For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's standard's Document Summary page on the ASTM website.



# **TABLE 1 General Questions**

	O II			1107	
	Question	Yes or No	N/A	U/K	Comments
	SENERAL REQUIREMENTS				
Criterion No. 1-	-Materials (Product Feedstock)				
1.1	Have efforts (such as mining management, site restoration, and so forth) been made to				
	minimize or avoid negative environmental impacts, or both, (such as impact to rare or				
	endangered resources or species, releases of toxic chemicals or hazardous air				
	pollutants, and so forth) in obtaining raw materials for this product? If yes, describe				
	these efforts.				
1.2	Is the product a recycled content product? If YES, indicate what percentage of the				
	product is recycled and differentiate between pre-consumer and post-consumer				
	recycled content.				
<del>1.3</del>	If applicable, does the recycled content product contain the percentage of recovered				
	materials recommended by the U.S. EPA's Comprehensive Procurement Guidelines?				
<u>1.3</u>	If applicable, does the recycled content product contain the percentage of recovered				
	materials recommended by the United States Environmental Protection Agency's (EPA)				
	Comprehensive Procurement Guidelines?				
1.4	Is the product 100% recyclable? If NO, please indicate what percentage of the product				
4.5	is recyclable.				
<del>1.5</del>	Is the product a biobased product (i.e. agricultural or forestry material)? If YES, please				
	indicate the source and biobased content percentage. If percentage refers to a				
4.5	component rather than the entire product, please specify.				
<u>1.5</u>	Is the product a biobased product (that is, agricultural or forestry material)? If YES,				
	please indicate the source and biobased content percentage. If percentage refers to a				
1.0	component rather than the entire product, please specify.				
1.6	Is the product made from a renewable resource? If YES, indicate the renewable cycle				
4.7	time and what percentage of the product that resource represents.				
<del>1.7</del>	Does the product, in the specified condition of use, meet EPA's				
1.7	National Volatile Organic Compound (VOC)?  Does the product, in the specified condition of use, meet U.S. EPA's				
<u>1.7</u>	National Volatile Organic Compound (VOC)?				
1.8	Does the product in the specified condition of use, meet the requirements of				
1.0	South Coast Air Quality Management District for content of VOCs?				
1.0	Is this product covered by an environmental product declaration (EPD) that conforms to				
<u>1.9</u>	ISO 14025, ISO 14040, ISO 14044, and EN 15804 or ISO 21930 and does it have at				
	least a cradle-to-gate scope? If YES, please indicate if EPD is product specific and how				
	the sender of this questionnaire could obtain a copy of the EPD.				
Criterion No. 2-					
2.1	Has the manufacturer taken steps to minimize the use of nonrenewable energy from				
2.1	the point at which raw materials are gathered to the point at which the final product is				
	transported to the building site? If yes, describe these measures.				
2.2	Is any of the waste produced in making this product reclaimed on-site? If yes, what				
	percentage of the waste is reclaimed? Of the waste that is not reclaimed on-site, how				
	is that waste handled?				
<del>2.3</del>	Does the process for manufacturing this product avoid the use of listed substances				
	above the levels that would require reporting under the U.S. EPA's				
	Toxics Release Inventory? If NO, indicate how much of each substance is released per				
	unit of product.				
2.3	Does the process for manufacturing this product avoid the use of listed substances				
	above the levels that would require reporting under the U.S. EPA's				
	Toxics Release Inventory? <sup>A</sup> If NO, indicate how much of each substance is released				
	per unit of product.				
<del>2.4a</del>	Does the process for manufacturing the product avoid the addition of substances listed				
	in the National Toxicology Program's Report on Carcinogens?				
<u>2.4a</u>	Does the process for manufacturing the product avoid the addition of substances listed				
	in the National Toxicology Program's (NTP) Report on Carcinogens? <sup>B</sup>				
<del>2.4b</del>	If substances listed in the National Toxicology Program's Report on Carcinogens are				
	added directly in the manufacturing process or are reported by suppliers on Material				
	Safety Data Sheets (MSDS), do the concentrations fall below levels required to be				
	reported under federal regulations on the products' MSDS? If NO, indicate the				
	substance, classification and concentration per unit of product.				
<u>2.4b</u>	If substances listed in the NTP's Report on Carcinogens are added directly in the				
	manufacturing process or are reported by suppliers on Material Safety Data Sheets				
	(MSDS), do the concentrations fall below levels required to be reported under federal				
	regulations on the products' MSDS? If NO, indicate the substance, classification and				
	concentration per unit of product.				
2.5	Have any recent improvements been made to limit negative environmental impacts				
	relating to the manufacturing process? If YES, describe the benchmark against which				
	the improvements are measured and the degree of improvement.				
2.6	If water is used during the production process, have water conservation or recycling				
	measures, or both, been initiated? If yes, describe the measures and what percentage				
• -	of the total water usage they address.				
2.7	Has the manufacturer undertaken any of the following actions? If yes, indicate when				
	the action(s) was (were) taken and describe the benchmark against which the				
c =	improvements are measured and the degree of improvement.				
2.7a	Redesigned a production process to decrease greenhouse gas emissions?				
2.7b	Redesigned a production process to decrease liquid effluents?				
2.7c	Redesigned a production process to utilize less toxic materials?				

#### TABLE 1 Continued

	TABLE 1 Continued				
	Question	Yes or No	N/A	U/K	Comments
2.7d	Substituted safer solvents in a production process?				
2.7e	Instituted more stringent dust controls?				
2.7f	Installed smoke-stack particulate collectors or gas scrubbers?				
2.7g	Installed or improved in-plant solid and toxic waste reduction programs?				
2.79	Does the manufacturing facility comply with or exceed applicable occupational, health,				
2.0					
Critarian Na 1	and safety requirements?				
3.1	3-Operational Performance of Installed Product				
<del>0.1</del>	If applicable, does the product qualify for an EPA Energy Star Program rating or meet				
	the energy efficiency recommendations of the DOE's				
2.1	Federal Energy Management Program?				
<u>3.1</u>	If applicable, does the product qualify for an EPA ENERGY STAR <sup>C</sup> Program rating or meet the energy efficiency recommendations of the Department of Energy's (DOE)				
	Federal Energy Management Program?				
<del>3.2</del>	Describe the product's energy efficiency impacts.				
3.2	Describe the product's energy efficiency impacts.				
3.3	Describe routine maintenance procedures for the product.				
3.4	How long will the product last in the building if maintained properly with routine				
	maintenance procedures?				
3.5	Does the manufacturer provide detailed instructions with the product upon delivery to				
0.0	the job site for the proper use and maintenance required in order to ensure that this				
	product will last this long?				
	product this last this long.				
Criterion No.	4-Indoor Environmental Quality <sup>A</sup>				
	4-Indoor Environmental Quality <sup>E</sup>				
4.1	Is there any other information about how this product contributes to indoor				
	environmental quality (positively or negatively, e.g. acoustical properties, lighting,				
	potential risks to workers during application, and so forth) that has not already been				
	reported, but that sender of this guestionnaire should know? If YES, describe. (If this				
	product is not intended to be used in the indoor environment or to interface with the				
	occupants, indicate N/A.)				
4.1	Is there any other information about how this product contributes to indoor				
	environmental quality (positively or negatively, for example, acoustical properties,				
	lighting, potential risks to workers during application, and so forth) that has not already				
	been reported, but that sender of this questionnaire should know? If YES, describe. (If				
	this product is not intended to be used in the indoor environment or to interface with				
	the occupants, indicate N/A.)				
Criterion No. 5	5–Corporate Environmental Policy				
5.1	Does the manufacturer have a written environmental policy? If YES, indicate how the				
• • • • • • • • • • • • • • • • • • • •	sender of this questionnaire could obtain a copy of this policy upon request.				
<del>5.2</del>	Does the manufacturer have a reclamation program or any other program in place to				
	facilitate the recycling or reuse of its product by accepting return of the product at the				
	end of its useful life? If NO, comment on the environmental impact of the product as a				
	waste material. If yes, comment on how much of the product is actually reused or				
	recycled at the end of the product's useful life.				
5.2	Does the manufacturer have a reclamation program or any other program in place to				
_	facilitate the recycling or reuse of its product by accepting return of the product at the				
	end of its useful life? If NO, comment on the environmental impact of the product as a				
	waste material. If yes, comment on how much of the product is actually reused or				
	recycled at the end of the product's useful life.				
<del>5.3</del>	Does the manufacturer have a program in place to reduce the amount of the product's				
	packaging? If YES, describe.				
5.3	Does the manufacturer have a program in place to reduce the amount of the product's				
	packaging? If YES, describe.				
<del>5.4</del>	Does the manufacturer have a program in place to facilitate the return, reuse, recycling,				
0	or composting of the product's packaging? If YES, describe.				
5.4	Does the manufacturer have a program in place to facilitate the return, reuse, recycling,				
<u>0.1</u>	or composting of the product's packaging? If YES, describe.				
5.5	Does the manufacturer provide information on the service life of the product or				
0.0	encourage the use of professional guidelines to determine the service life of the				
	product?				
5.6	Does the manufacturer provide information regarding natural disaster mitigation, such				
0.0	as performance of the product during a natural disaster or appropriate response after a				
	natural disaster?				
<del>5.7</del>	Is documentation available to support the product's environmental claims? If YES,				
<del>5.7</del>	please indicate how copies may be obtained upon request.				
5.7	Is documentation available to support the product's environmental claims? If YES,				
<u>5.7</u>					
5.8	please indicate how copies may be obtained upon request.  Is there other information, for which you could provide objective evidence, about the				
5.8					
	environmental quality of the building product you offer that you would like taken into				
	consideration? If YES, describe the information and indicate how copies of this				
	evidence could be obtained upon request.				

A For additional information, visit http://www.epa.gov/tri.

B NTP (National Toxicology Program). 2016. Report on Carcinogens, Fourteenth Edition.; Research Triangle Park, NC: U.S. Department of Health and Human Services, Public Health Service. https://ntp.niehs.nih.gov/go/roc14.

The term "ENERGY STAR" and the ENERGY STAR logo are trademarks of the U.S. Environmental Protection Agency (EPA).

<sup>D</sup> Additional information may be obtained from U.S. Department of Energy, Office of Energy Efficiency & Renewable Energy, Forrestal Bldg. 1000 Independence Ave., SW, Washington, DC 20585, https://www.energy.gov/eere/femp/federal-energy-management-program.

ENote that some of the questions under Criterion No. 1 (Materials [Product Feedstock]) refer to attributes of products, for example, toxicity, that pose concerns for indoor environmental quality as well. In the interest of avoiding repetition, those questions are not repeated here. Respondents are reminded to answer all questions in the general section of this questionnaire.

C989C989/C989M Specification for Slag Cement for Use in Concrete and Mortars

C1240 Specification for Silica Fume Used in Cementitious Mixtures

D5359 Specification for Glass Cullet Recovered from Waste for Use in Manufacture of Glass Fiber

D6400 Specification for Labeling of Plastics Designed to be Aerobically Composted in Municipal or Industrial Facilities

E631 Terminology of Building Constructions

E1480 Terminology of Facility Management (Building-Related)

E2114 Terminology for Sustainability Relative to the Performance of Buildings

2.2 ANSI Standards: Standard: 4

ANSI A208.2 Medium Density Fiberboard

2.3 ASHRAE Standards:<sup>5</sup>

ASHRAE 90.1 Energy Efficient Design of New Buildings Except Low-Rise Residential Buildings

ASHRAE 62 Ventilation of for Acceptable Indoor Air Quality

ASHRAE 52-76 Gravimetric and Dust-Spot Procedures for Testing Air-Cleaning Devices Used in General Ventilation for Removing Particulate Matter

2.4 ASME Standards: Standard: 6

ASME A112.18.1M-1989 Plumbing Fixture Fittings

2.5 CSI Program:<sup>7</sup>

MasterFormat 2004 Edition

2.6 DOE Program:EN Standard:<sup>8</sup>

Federal Energy Management ProgramEN 15804 (2012 Amd 1) Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products

2.7 EPA Standards:9

Energy Star Program ENERGY STAR Program

Comprehensive Procurement Guidelines

National Volatile Organic Compound (VOC) Emission Standards

Toxics Release Inventory 10

2.8 HUD Standards: 10

24 CFR Pt. 3280 Manufactured Home Construction and Safety Standards

https://standards.iteh.ai/catalog/standards/sist/d82eac66-5f42-4cc5-a2ac-ea9f4d347def/astm-e2129-18

<sup>&</sup>lt;sup>4</sup> Available from American National Standards Institute (ANSI), 25 W. 43rd St., 4th Floor, New York, NY 10036, http://www.ansi.org.

<sup>&</sup>lt;sup>5</sup> Available from American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE), 1791 Tullie Circle, NE, Atlanta, GA 30329, http://www.ashrae.org.

<sup>&</sup>lt;sup>6</sup> Available from American Society of Mechanical Engineers (ASME), ASME International Headquarters, Three Two Park Ave., New York, NY 10016-5990, http://www.asme.org.

<sup>&</sup>lt;sup>7</sup> Available from The—Construction Specifications Institute (CSI), 99 Canal Center Plaza, Suite 300, 110 S. Union St., Suite 100, Alexandria VA 22314, http://www.csinet.org. http://www.csinesources.org.

<sup>&</sup>lt;sup>8</sup> Available from U.S. Department of Energy (DOE), Energy Efficiency and Renewable Energy, Mail Stop EE-1, Department of Energy, Washington, DC 20585, http://www.eere.energy.gov. European Standards (EN), Krimicka 134, 318 13 Pilsen, Czech Republic, https://www.en-standard.eu.

<sup>&</sup>lt;sup>9</sup> Available from United States Environmental Protection Association (EPA), Climate Protection Partnerships Division ENERGY STAR Programs Hotline & Distribution (MS-6202J), 1200 Pennsylvania Ave., NW, Washington, DC 20460, http://www.epa.gov.

<sup>&</sup>lt;sup>9</sup> Available from <u>United States-U.S.</u> Environmental Protection Agency (EPA), <u>Ariel Rios-William Jefferson Clinton</u> Bldg., 1200 Pennsylvania Ave., NW, Washington, DC 20460. http://www.epa.gov.

<sup>10</sup> Available from U.S. Department of Housing and Urban Development (HUD), 451 7th Street S.W., Washington, DC 20410, http://www.hud.gov.



# TABLE 2 Questions Related to Specific Building Products

	Question	Yes or No	N/A	U/K	Criteria Category(ies)	Comments
DIVISION 2 General	2—SITE CONSTRUCTION					
2-A 2-B	Does the manufacturer facilitate ultimate deconstruction of buildings or building products, or both, (in which components are taken apart for reuse) by, for example, designing products for disassembly? If YES, describe the process.  Does the product facilitate water treatment on site? If YES, describe the process and indicate the level of treatment.				Materials Manufacturing Op. Performance IEQ X Corp. Env. Policy Materials Manufacturing X Op. Performance	
Doving					IEQ _X_Corp. Env. Policy	
Paving 2-C	Does the manufacturer offer surfaces with high albedo reflectance? What is the albedo reflectance?				Materials Manufacturing X_Op. Performance IEQ Corp. Env. Policy	
2-D	Does the manufacturer offer pervious paving materials for non-landscaped areas (roadways, surface parking, plazas, pathways)?				Materials Manufacturing X Op. Performance IEQ Corp. Env. Policy	
DIVISION 3 3-A	B—CONCRETE  Does the product meet the following standards, which refer to recovered materials?				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
<del>-3-A.1</del>	Specification C618 "Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use as a Mineral Admixture in Portland Cement Concrete?"				Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
3-A.1	Specification C618 "Specification for Coal Fly Ash and Raw or Calcined Natural Pozzolan for Use in Concrete?"				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
<del>-3-A.2</del>	Specification C989 "Specification for Ground Granulated Blast Furnace Slag for use in Concrete and Mortars?"  ASTM E				Materials     Manufacturing     Op. Performance     IEQ     Corp. Env. Policy	
3-A.2	Specification C989/C989M "Specification for Slag Cement for Use in Concrete and Mortars?"				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
<del>3 A.3</del>	Specification C1240 "Specification for Silica Fume for Use in Hydraulic Cement, Concrete, and Mortar?"				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
3-A.3	Specification C1240 "Specification for Silica Fume Used in Cementitious Mixtures?"				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
DIVISION 4 4-A	—MASONRY  Does the product meet the following standards, which refer to recovered materials?				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
<del>-4-A.1</del>	Specification C989 "Specification for Ground Granulated Blast Furnace Slag for use in Concrete and Mortars?"				X Materials  Manufacturing  Op. Performance  IEQ  Corp. Env. Policy	
4-A.1	Specification C989/C989M "Specification for Slag Cement for Use in Concrete and Mortars?"				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	

# TABLE 2 Continued

	IADLE Z	Continued	N1/A	11/1/	0:1:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0:0	
	Question	Yes or No	N/A	U/K	Criteria Category(ies)	Comments
4-A.2	Specification C1240 "Specification for Silica Fume for Use in Hydraulic Cement, Concrete, and Mortar?"				X Materials Manufacturing Op. Performance IEQ Corp. Env. Policy	
4-A.2	Specification C1240 "Specification for Silica Fume Used in Cementitious Mixtures?"				X Materials  Manufacturing  Op. Performance  IEQ  Corp. Env. Policy	
IVISION 5	5—METALS					
5-A	Does the product have a factory finish or can it be installed unfinished? If NO, describe recommended field finishing properties.				Materials X Manufacturing Op. Performance IEQ Corp. Env. Policy	
5-B	If a finish does exist, can the finish be easily removed to facilitate future recycling of the metal?				Materials X Manufacturing Op. Performance IEQ Corp. Env. Policy	

DIVISION 7—THERMAL AND MOISTURE PROTECTION

Roofing

	—WOOD AND PLASTICS	
Wood	In the consent that is consent in the consentration is set of force forces to the t	V Matariala
6-A	Is the wood that is used in the product harvested from forests that	X Materials
	have been managed for sustainability according to the guidelines of	Manufacturing
	a recognized certification program? If YES, indicate the name of	Op. Performance
	regulation and describe the primary aspects of sustainability that it	IEQ
0.0	promotes.	Corp. Env. Policy
6-B	Is the product made from a species of wood that is naturally resistant	X Materials
	to damage associated with the conditions to which it is exposed? If	Manufacturing
	YES, indicate which definition of "naturally resistant" is used to make	Op. Performance
	this determination and indicate the name of the species.	IEQ
	Locument Preview	Corp. Env. Policy
6-C	Has the wood been treated with a preservative? If YES, please indi-	Materials
	cate the preservative that was used and the standard (or standards)	X_Manufacturing
	to which the wood was treated.	Op. Performance
		X_IEQ
		Corp. Env. Policy
6-D	Is the agricultural resource from which this product is made certified	X Materials
	organically grown according to the standards of a recognized certifi-	Manufacturing 1F62129-10
	cation program? If YES, indicate the name of the certification pro-	Op. Performance
	gram.	IEQ
		Corp. Env. Policy
6-E	Is the medium density fiberboard (MDF), or products made contain-	Materials
	ing MDF, third party certified to comply with the formaldehyde emis-	X Manufacturing
	sions requirements in ANSI A208.2?	Op. Performance
		X_IEQ
		Corp. Env. Policy
6-F	Does the binder for plywood or particleboard, or both, meet the	Materials
	Manufactured Home Construction and Safety Standards promulgated	X_Manufacturing
	by HUD 24 CFR Pt. 3280) for formaldehyde emissions?	Op. Performance
		X_IEQ
		Corp. Env. Policy
	Plastic Composites	
6-G	Are plastics marked to identify materials for recycling?	X Materials
		Manufacturing
		Op. Performance
		IEQ
		Corp. Env. Policy
<del>−6-H</del>	Does the building product (or components of the product) meet the	X Materials
	requirements of Specification D6400 "Standard Specification for	Manufacturing
	Compostable Plastics?"	— Op. Performance
		<del> IEQ</del>
		Corp. Env. Policy
<u>6-H</u>	Does the building product (or components of the product) meet the	X Materials
	requirements of Specification D6400 "Specification for Labeling of	Manufacturing
	Plastics Designed to be Aerobically Composted in Municipal or In-	Op. Performance
	dustrial Facilities?"	IEQ
		Corp. Env. Policy
DIVISION 7	THERMAL AND MOISTURE PROTECTION	