Industrial Insights Newsletter Apache Tomcat
April 2nd, 2019 - Table of Contents SMACNA homepage To assist you as member contractors in your project work the following questions and answers are from SMACNA’s publication “Round Industrial Duct Construction Standards” second edition an American National Standard

Round Industrial Duct Construction Standards 3rd edition
March 20th, 2019 - The revised Round Industrial Duct Construction Standard 3rd edition 2013 an American National Standard ANSI SMACNA 005 2013 is now available. The standard expands the scope of the second edition updating the duct materials to include aluminized steel temperature correction factors for round industrial and minimum decimal thickness for
Construction Standards SMACNA AZ
April 18th, 2019 - Contains guidelines for inspection of commercial HVAC duct systems for compliance with SMACNA ANSI HVAC Duct Construction Standards—Metal and Flexible 3rd Ed and Fibrous Glass Duct Construction Standards 7th Ed. It reviews materials and reinforcement of duct systems as well as assembly and supports of ducts.

23 31 11 High Pressure Ductwork Christenson Corporation
April 18th, 2019 - SMACNA standard are unacceptable. 3. SMACNA Round and Rectangular Industrial duct Construction Standards. This is to be used for return duct subject to negative pressures greater than 4 inches W.C. Construct ductwork to meet all functional criteria defined in the 1985 SMACNA standards except where noted otherwise.
SMACNA 1520 1999 Round Industrial Duct Construction
April 15th, 2019 - SMACNA 1520 1999 Round Industrial Duct Construction Standards This edition expands the scope of the 1977 version updating original text to incorporate a revised theory of design new materials and more “user friendly” tables. Offers a standardized engineered basis for design and construction of industrial ducts of Classes 1 to 5.

SMACNA Round Industrial Duct Construction Standards
April 20th, 2019 - Description SMACNA Round Industrial Duct Construction Standards This edition of the Rounded Industrial Duct Construction Standards expands the scope of the 1977 version and updates the original text to incorporate a revised theory of design new materials and more user friendly tables.

SMACNA Rectangular Industrial Duct Construction
April 21st, 2019 - Description

SMACNA Rectangular Industrial Duct Construction Standards

The 2004 edition of the Rectangular Industrial Duct Construction Standards offers a new approach to the selection of material thickness and reinforcing systems for rectangular industrial duct subject to positive or negative pressures up to and over 100 w g and 30 ft hanger spacing of duct sizes to 14 x 14 in 16 gauge

SMACNA ROUND DUCT CONST ROUND INDUSTRIAL DUCT

April 13th, 2019 - • To develop minimum standards for the fabrication and installation of metallic round industrial duct systems • To develop new and collect existing duct construction practices and data to serve as an authoritative source of accepted industrial practices for contractors, design engineers, facility managers, and pollution control authorities

HVAC Duct construction standards metal and flexible

to the test in UL Standard 181 for Class 1 Ducts SMACNA HVAC Duct Construction Standards Metal and Flexible SMACNA HVAC Duct Systems Design

Round Industrial Duct Construction Standards SNIPS
April 15th, 2019 - Likewise theses terms have been used interchangeably within the scope of the SMACNA Round Industrial Duct Construction Standard Changes in the Second Edition – The 1977 edition of these standards was the first publication dealing with the selection of duct gage and reinforcing systems for industrial duct applications

SMACNA's Technical University Sells Out SMACNA Greater
April 21st, 2019 - “It's a day and a half program and is geared primarily for mainstream HVAC duct fabricators because we focus on the technical and code related standards surrounding duct construction ” said Mark Terzigni SMACNA director of engineering and technical resources who led the program with SMACNA project managers Shawn O'Hara and Delaine Deer

Rectangular Industrial Duct Construction Standards IP
standards for industrial duct construction tandfonline.com
April 6th, 2019 - SMACNA's Industrial Duct Construction Standards Committee is indebted to Dr Michael C Soteriades of the Catholic University of America for his work in developing these standards. Industrial duct is a broad classification of ductwork used in industry for many diverse applications. While ventilating...
Rectangular Industrial Duct Construction Standards
April 17th, 2019 - These duct construction standards are intended for use by contractors, fabricators, and designers of air pollution control, pneumatic conveyance, and industrial ventilation systems. The 1980 edition of these standards was the first publication dealing with the selection of duct gauge and reinforcement for rectangular industrial duct systems.

SMACNA ROUND DUCT CONST standards globalspec.com
April 19th, 2019 - To develop minimum standards for the fabrication and installation of metallic round industrial duct systems. To develop new and collect existing duct construction practices and data to serve as an authoritative source of accepted industrial practices for contractors, design engineers, facility managers, and pollution control authorities.
SMACNA Technical Manual Collection - MADCAD.com
April 7th, 2019 - SMACNA does not seek to enforce its standards or provide accreditation for compliance. SMACNA standards and manuals address all facets of the sheet metal industry from duct construction and installation to air pollution control from energy recovery to roofing. SMACNA's Technical Resources Department fields several thousand technical questions.

SMACNA Technical Papers Guidelines
April 10th, 2019 - SMACNA CAD Symbols DXF Format Air Duct Leakage HVAC 2011 Technical Paper PDF file
SMACNA published the HVAC Air Duct Leakage Test Manual in conjunction with the SMACNA HVAC Duct Construction Standards. Research proved that duct leakage could be well defined as a function of the static pressure and the surface area of the duct. This allowed...
5 23 31 – HVAC DUCTS DESIGN AND CONSTRUCTION STANDARD

April 15th, 2019 - A Codes and Standards that are Standard at the University 1 SMACNA Standards Fabricate support install and seal in accordance with SMACNA s HVAC Duct Construction Standards Metal and Flexible 2 ASHRAE Standards Comply with ASHRAE Fundamentals Handbook and ASHRAE Systems and Equipment for design and fabrication of ductwork 3

Rectangular Industrial Duct Construction Standards

April 19th, 2019 – Rectangular Industrial Duct Construction Standards Order No 1922 2 nd edition 2004 448 pages

This second edition expands the scope of the 1980 version updating original text to incorporate a revised theory of
design new materials and more “user friendly” tables

Publications SMACNA
April 19th, 2019 - SMACNA standards and manuals address all facets of the sheet metal and HVAC industry from duct construction and installation to indoor air quality from energy recovery to roofing from solar energy to welding Currently SMACNA has more than thirty publications in circulation which are continuously reviewed and updated as required

Duct Fabrication Specifications Duct Construction
April 20th, 2019 - notes
1 tdc duct constructed per smacna standards first edition 1995
2 duct fabricated using pittsburg seams
3 all duct stiffened by machine formed beads spaced at 12” o c
4 4 duct work to be sealed per smacna hvac table 1 2 5 tdc cnt jnt condu loc tdc connector center of duct amp tdc connector

HVAC DUCT CONSTRUCTION STANDARDS SMACNA SMART PINP

April 18th, 2019 - HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE Information Required for Duct Construction
1 A comprehensive duct layout indicating sizes design airflows pressure class and routing of the duct system
2 The types of fittings to be used based on the designer’s calculations of fitting

Publications SMACNA Colorado

April 18th, 2019 - Download the Publications Order Sheet in PDF format
Publication Title Discounted Price List Price Accepted Industry Practice for Industrial Duct Construction
1st Ed 1975 36 00 52 00 Accepted Industry Practices for Sheet Metal Lagging
1st Ed 2002 75 00 108 00 Architectural Sheet Metal Inspection Guide
1st Ed 2004 51 00 72 00 Architectural Sheet Metal Manual 6th Ed 2003 …
SMACNA “Round Industrial Duct Construction Standards” Updated

April 19th, 2019 - Earlier this month SMACNA announced the availability of the revised “Round Industrial Duct Construction Standards” 3rd edition 2013 an American National Standard ANSI SMACNA 005 2013 EHG’s ductwork is designed and constructed in accordance with the requirements of this duct construction standard.

SMACNA RECTANGULAR DUCT standards globalspec.com

April 19th, 2019 - To develop minimum standards for the fabrication and installation of metallic rectangular industrial duct systems • To develop new and collect existing duct construction practices and data to serve as an authoritative source of accepted industrial practices for contractors design engineers facility managers and pollution control.
Round Industrial Duct Construction Standards 3rd edition
April 17th, 2019 - The revised Round Industrial Duct Construction Standard 3rd edition 2013 an American National Standard ANSI SMACNA 005-2013 is now available. The standard expands the scope of the second edition updating the duct materials to include aluminized steel, temperature correction factors for round industrial and minimum decimal thickness for.

Round Industrial Duct Construction Standards – HVAC at 1

Round Industrial Duct Construction Standards SMACNA 1520
April 21st, 2019 – Round Industrial Duct Construction Standards is an American National Standard ANSI standard
and expands the scope of the 1977 version of the publication updating original text to incorporate a revised theory of
design new materials and more user-friendly tables Offers a standardized engineered basis for design and
construction of industrial ducts of Classes 1 to 5

Industry Standards Industrial Expertise
April 4th, 2019 - Industrial Construction Standards Standards are important in every industry Here's the key When you hire an Industrial Expertise contractor you're getting a
company and craftspersons who live by the industry's standards SMACNA publishes several technical manuals specifically related to the industrial sheet metal industry

Rectangular Duct for HVAC Duct Systems Fabricator Fort
April 18th, 2019 - Our standard of fabrication for typical HVAC duct is in accordance with the SMACNA HVAC Duct Construction Standard – Metal and Flexible 2005 We can
also fabricate in accordance with the SMACNA Rectangular Industrial Duct Construction Standards 2004 or custom standards
SMACNA “Round Industrial Duct Construction Standards
April 19th, 2019 - Earlier this month SMACNA announced the availability of the revised “Round Industrial Duct Construction Standards” 3rd edition 2013 an American National Standard ANSI SMACNA 005 2013 Linx Industries ductwork is designed and constructed in accordance with the requirements of this duct construction standard According to SMACNA’s website “The standard expands the scope of the

Rectangular Industrial Duct Construction Standards – Metric
April 20th, 2019 - Available in PDF or CD only 2nd edition 2007 444 pages This version of the Rectangular Industrial Duct Construction Standards 2nd edition 2007 is uniquely identified as the SI version Metric - le Système International d’Unités to differentiate it from the version published in 2004 as the IP version Inch Pound This latest publication is based on the exact same theoretical
SMACNA e standard Latest amp Cheapest Codes amp Standards
April 20th, 2019 – Sheet Metal and Air Conditioning Contractors National Association SMACNA e standard is your source for SMACNA standards and publications Standards guides and manuals covering duct work and air conditioning high pressure duct construction standards balancing and adjustment of air distribution systems energy recovery equipment and systems air to air fibrous glass duct construction

Browse SMACNA Techstreet
April 21st, 2019 – Techstreet sells standards from SMACNA the Sheet Metal and Air Conditioning Contractors
National Association SMACNA is an international association of contractors who specialize in HVAC and R systems for commercial, residential, and industrial applications. This includes work with sheet metal, specialty stainless kitchen equipment, manufacturing, management, and maintenance.

www.rrsheetmetal.com

April 10th, 2019 - duct wall on both sides of the joint. Single members may be used if they are fastened through both mating flanges. Gasket to be located to form an effective seal.

FLANGED WITH GASKET T 25a
FLANGED WITH GASKET T 25b

MACN FIGURE 2 2 RECTANGULAR DUCT LONGITUDINAL SEAMS HVAC Duct Construction Standards Metal and Flexible Third Edition
April 21st, 2019 - The American National Standard ANSI SMACNA 005 2013 expands the scope of the 1999 version updating the duct materials to include aluminized steel temperature correction factors for round industrial and minimum decimal thickness for aluminum duct selection tables. This publication offers a standardized engineered basis for design and construction of industrial ducts of Classes 1 to 5 air.
Sheet Metal and Air Conditioning Contractors National

April 7th, 2019 — raymond.smacna.org 703 803 2996 CHANTILLY Va — The American National Standards Institute (ANSI) announced that the Sheet Metal and Air Conditioning Contractors’ National Association’s (SMACNA) “Round Industrial Duct Construction Standards” second edition has been approved as an American National Standard.
April 21st, 2019 - The third edition of the HVAC Duct Construction Standards – Metal and Flexible is intended primarily for commercial and institutional duct construction. This American National Standard ANSI SMACNA 006 2006 contains tables and details for constructing ductwork for \( \frac{1}{2} \) to 10 wg positive and negative pressures.

Download SMACNA Rectangular Industrial Duct rar

April 21st, 2019 - Download File SMACNA Rectangular Industrial Duct rar You have requested https www file up org t9twdfida1g 6 3 MB

Sheet Metal and Air Conditioning Contractors National

April 21st, 2019 - ANSI the American National Standards Institute has accredited SMACNA as a standards setting organization. SMACNA does not seek to enforce its standards or provide accreditation for compliance. SMACNA standards and manuals address all facets of the sheet metal industry from duct construction and installation to indoor air quality and air.
SMACNA Sheet Metal and Air Conditioning Contractors
April 21st, 2019 - SMACNA is the Sheet Metal and Air Conditioning Contractors National Association. As an ANSI accredited standards developing organization, SMACNA standards and manuals address all facets of the sheet metal industry from duct construction and installation to air pollution control, energy recovery, and roofing.

Smaena Round Industrial Duct Construction Standards Manuals
April 1st, 2019 - the Smaena Round Industrial Duct Construction Standards Manuals that you can take. And when you really need a book to read, pick this book as a good reference. Well, below is related ebooks that you can read: region the huon 1914-1926 chris mar tin b a hons m hum delco moraine brake caliper part numbers inga kelgrisar inga styv barn by cia.
Duct Construction Standards Suppliers Sweets
April 10th, 2019 - shown so as to provide this manual as a quick reference to SMACNA Standards 1 Other 4 bolt manufacturers have prepared duct construction standards but Ward Industries is the only manufacturer that is in full compliance with the SMACNA HVAC Duct Construction Standards 2nd ed in so much as they have had

ANSI SMACNA 006 2006 HVAC Duct Construction Standards
April 19th, 2019 - ANSI SMACNA 006 2006 HVAC Duct Construction Standards Eli P Howard III Sheet Metal and Air Conditioning Contractors’ National Association

SMACNA Sheet Metal and Air Conditioning Contractors
April 19th, 2019 - SMACNA 1520 1999 Round Industrial Duct Construction Standards This edition expands the scope of the 1977 version updating original text to incorporate a revised theory of design new materials and more õuser friendlyö tables Offers a standardized engineered basis for design and construction of industrial ducts of Classes 1 to
SECTION 15891 – LOW PRESSURE DUCTWORK CONSTRUCTION STANDARD

April 20th, 2019 - CONSTRUCTION STANDARD B Shop fabricate ductwork of gages and reinforcement complying with SMACNA Low Pressure Duct Standards 5th Edition C

Fabricate duct fittings to match adjoining ducts and to comply with duct requirements as applicable to fittings. Except as otherwise indicated, fabricate

HVAC Duct Construction Standards Public Resource Org

April 19th, 2019 - If the designer does not designate pressure class for duct construction on the contract drawings, the basis of compliance with the SMACNA HVAC Duct Construction Standards is as follows: 2” 500 Pa w.g for all ducts between the supply fan and variable volume control boxes and 1” 250 Pa w.g for all other ducts of any application.
conditioning contractors, section 15891 low pressure ductwork construction standard, hvac duct construction standards public resource

Table of contents smacna homepage to assist you as member contractors in your project work the following questions and answers are from smacnas publication round industrial duct construction standards second edition an american national standard, the revised round industrial duct construction standard 3rd edition 2013 an american national standard ansi smacna 005 2013 is now available the standard expands the scope of the second edition updating the duct materials to include aluminized steel temperature correction factors for round industrial and minimum decimal thickness for contains guidelines for inspection of commercial hvac duct systems for compliance with smacna ansi hvac duct construction standards metal and flexible 3rd ed and fibrous glass duct construction standards 7th ed it reviews materials and reinforcement of duct systems as well as assembly and supports of ducts, smacna standard are unacceptable 3 smacna round and rectangular industrial duct construction standards this is to be used for return duct subject to negative pressures greater than 4 inches w c construct ductwork to meet all functional criteria defined in the 1985 smacna standards except
where noted otherwise

smacna 1520 1999 round industrial duct construction standards this edition expands the scope of the 1977 version updating original text to incorporate a revised theory of design new materials and more user friendly tables offers a standardized engineered basis for design and construction of industrial ducts of classes 1 to 5 description smacna round industrial duct construction standards this edition of the rounded industrial duct construction standards expands the scope of the 1977 version and updates the original text to incorporate a revised theory of design new materials and more user friendly tables description smacna rectangular industrial duct construction standards the 2004 edition of the rectangular industrial duct construction standards offers a new approach to the selection of material thickness and reinforcing systems for rectangular industrial duct subject to positive or negative pressures up to and over 100 w g and 30 ft hanger spacing of duct sizes to 14 x 14 in 16 gauge.

development of minimum standards for the fabrication and installation of metallic round industrial duct systems to develop new and collect existing duct construction practices and data to serve as an authoritative source of accepted industrial practices for contractors design engineers facility managers and pollution control authorities.

smacna fire damper and heat stop guide for air handling systems soil engineering m g spangler international book co erosion resistance comparable to the test in ul standard 181 for class 1 ducts smacna hvac duct construction standards metal and flexible smacna hvac duct systems design likewise these terms have been used interchangeably within the scope of the smacna round industrial duct construction standard changes in the second edition the 1977 edition of these standards was the first publication dealing with the selection of duct gage and reinforcing systems for industrial duct applications its a day and a half program and is geared primarily for mainstream hvac duct fabricators because we focus on the technical and code related standards surrounding duct construction said mark terzigni smacna director of engineering and technical resources who led the program with smacna project managers shawn
Ohara and Delaine Deer,

Search content enter keywords for content search clear all filters advanced search basic search eLibrary gt rectangular industrial duct construction standards IP version gt SMACNA HVAC duct construction standards metal and flexible third edition 2005 duct size duct gauge joint length wide side connector narrow side connector 0 12 26 59 flat slip t 6 24 ga flat drive t 1 24 ga 13 18 26 59 standing slip t 11 26 ga flat drive t 1 24 ga 19 30 26 56 t d c,

SMACNA's Industrial Duct Construction Standards Committee is indebted to Dr. Michael C. Soteriades of the Catholic University of America for his work in developing these standards.

Industrial duct is a broad classification of ductwork used in industry for many diverse applications while ventilating. These duct construction standards are intended for use by contractors, fabricators, and designers of air pollution control, pneumatic conveyance, and industrial ventilation systems. The 1980 edition of these standards was the first publication dealing with the selection of duct gauge and reinforcement for rectangular industrial duct systems. To develop minimum standards for the fabrication and installation of metallic round industrial duct systems, to develop new and collect existing duct construction practices and data to serve as an authoritative source of accepted industrial practices for contractors, design engineers, facility managers, and pollution control...
authorities, smacna does not seek to enforce its standards or provide accreditation for compliance smacna standards and manuals address all facets of the sheet metal industry from duct construction and installation to air pollution control from energy recovery to roofing smacna’s technical resources department fields several thousand technical questions, smacna cad symbols dxf format air duct leakage hvac 2011 technical paper pdf file smacna published the hvac air duct leakage test manual in conjunction with the smacna hvac duct construction standards research proved that duct leakage could be well defined as a function of the static pressure and the surface area of the duct this allowed, a codes and standards that are standard at the university 1 smacna standards fabricate support install and seal in accordance with smacna’s hvac duct construction standards metal and flexible 2 ashrae standards comply with ashrae fundamentals handbook and ashrae systems and equipment for design and fabrication of ductwork 3, rectangular industrial duct construction standards order no 1922 2 nd edition 2004 448 pages this second edition expands the scope of the 1980 version updating original text to incorporate a revised theory of design new materials and more user friendly tables, smacna standards and manuals address all facets of the sheet metal and hvac industry from duct construction and installation to indoor air quality from energy recovery to roofing from solar energy to welding currently smacna has more than thirty publications in circulation which are continuously reviewed and
updated as required, notes 1 tdc duct constructed per smacna standards first edition 1995 2 duct fabricated using pittsburg seams 3 all duct stiffened by machine formed beads spaced at 12 o c 4 duct work to be sealed per smacna hvac table 1 2 5 tdc cnt jnt condu loc tdc connector center of duct amp tdc connector, hvac duct construction standards metal and flexible information required for duct construction 1 a comprehensive duct layout indicating sizes design airflows pressure class and routing of the duct system 2 the types of fittings to be used based on the designer s calculations of fitting, download the publications order sheet in pdf format publication title discounted price list price accepted industry practice for industrial duct construction 1st ed 1975 36 00 52 00 accepted industry practices for sheet metal lagging 1st ed 2002 75 00 108 00 architectural sheet metal inspection guide 1st ed 2004 51 00 72 00 architectural sheet metal manual 6th ed 2003 , earlier this month smacna announced the availability of the revised round industrial duct construction standards 3rd edition 2013 an american national standard ansi smacna 005 2013 ehgs ductwork is designed and constructed in accordance with the requirements of this duct construction standard, to develop minimum standards for the fabrication and installation of metallic rectangular industrial duct systems to develop new and collect existing duct construction practices and data to serve as an authoritative source of accepted industrial practices for contractors design engineers facility managers and pollution control, the revised round industrial
duct construction standard 3rd edition 2013 an american national standard ansi smacna 005 2013 is now available the standard expands the scope of the second edition updating the duct materials to include aluminized steel temperature correction factors for round industrial and minimum decimal thickness for, air contaminants ventilation and industrial hygiene economics the practitioners toolbox and desktop handbook 1st edition, round industrial duct construction standards is an american national standard ansi standard and expands the scope of the 1977 version of the publication updating original text to incorporate a revised theory of design new materials and more user friendly tables offers a standardized engineered basis for design and construction of industrial ducts of classes 1 to 5, industrial construction standards standards are important in every industry heres the key when you hire an industrial expertise contractor youre getting a company and craftspersons who live by the industrys standards smacna publishes several technical manuals specifically related to the industrial sheet metal industry, our standard of fabrication for typical hvac duct is in accordance with the smacna hvac duct construction standard metal and flexible 2005 we can also fabricate in accordance with the smacna rectangular industrial duct construction standards 2004 or custom standards earlier this month smacna announced the availability of the revised round industrial duct construction standards 3rd edition 2013 an american national standard ansi smacna 005 2013 linx industries ductwork is designed and constructed in accordance with the requirements of
this duct construction standard according to smacnas website the standard expands the scope of the, available in pdf or cd only 2nd edition 2007 444 pages this version of the rectangular industrial duct construction standards 2nd edition 2007 is uniquely identified as the si version metric le systme international dunits to differentiate it from the version published in 2004 as the ip version inch pound this latest publication is based on the exact same theoretical, law resource org, sheet metal and air conditioning contractors national association smacna e standard is your source for smacna standards and publications standards guides and manuals covering duct work and air conditioning high pressure duct construction standards balancing and adjustment of air distribution systems energy recovery equipment and systems air to air fibrous glass duct construction, techstreet sells standards from smacna the sheet metal and air conditioning contractors national association smacna is an international association of contractors who specialize in hvac amp r systems for commercial residential and industrial applications this includes work with sheet metal specialty stainless kitchen equipment manufacturing management and maintenance, duct wall on both sides of the joint single members may be used if they are fastened through both mating flanges gasket to be located to form an effective seal flanged with gasket t 25a flanged with gasket t 25b 2 10 macn figure 2 2 rectangular duct longitudinal seams hvac duct construction standards metal and flexible third edition, the american national standard ansi smacna 005 2013 expands the scope of the 1999 version updating the duct materials to include aluminized steel temperature correction factors for round industrial and minimum decimal thickness for aluminum duct selection
Tables this publication offers a standardized engineered basis for design and construction of industrial ducts of classes 1 to 5 air.


Raymond Smacna org 703 803 2996 chantilly va the american national standards institute ansi announced that the sheet metal and air conditioning contractors national associations smacna round industrial duct construction standards second edition has been approved as an american national standard.

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Manuals that you can take and when you really need a book to read, pick this book as good reference. Well below is related ebooks that you can read region the huon 1914 1926.
Quick reference to Smacna standards. Other 4 bolt manufacturers have prepared duct construction standards, but Ward Industries is the only manufacturer that is in full compliance with the Smacna HVAC duct construction standards 2nd ed in so much as they have had, ANSI Smacna 006 2006 HVAC duct construction standards, Eli P. Howard III, Sheet Metal and Air Conditioning Contractors National Association, Smacna 1520 1999 round industrial duct construction standards. This edition expands the scope of the 1977 version, updating original text to incorporate a revised theory of design, new materials, and more user-friendly tables. Offers a standardized engineered basis for design and construction of industrial ducts of classes 1 to 5.

Construction standard B: Shop fabricate ductwork of gages and reinforcement complying with Smacna low pressure duct standards 5th edition. C: Fabricate duct fittings to match adjoining ducts and to comply with duct requirements as applicable to fittings except as otherwise indicated. If the designer does not designate pressure class for duct construction on the contract drawings, the basis of compliance with the Smacna HVAC duct construction standards is as follows: 2,500 Pa w/g for all ducts between the supply fan and variable volume control boxes and 1,250 Pa w/g for all other ducts of any application.