



Application Overview

Introduction to the new PIDX
Petroleum Industry Data Dictionary
Management Application

About Me

JAMES A. MCDERMOTT

VP, Marketing | sparesFinder Ltd.
Toronto & London



sparesfinder
materials data, mastered.

The background of the slide is a blue-tinted photograph of an industrial facility at night. On the right side, a tall, illuminated tower or distillation column stands out against the dark sky. The rest of the image shows a complex network of pipes, tanks, and structures, with some lights visible, suggesting an active industrial site.

sparesFinder delivers software products that cover the end to end process of services and materials data management, and related value delivery.



CLEAN DATA

Transform the quality of materials master data



GOVERN PROCESS

Maintain the quality of materials data across the enterprise



LEVERAGE DATA

Reduce costs through smart analysis of inventory and purchasing trends

**WE ALSO
HELP OUR
CUSTOMERS
FIND THINGS,
FASTER.**



30%

**According to Gartner*,
engineers spend an average
of 30% of their time searching
for information**

SOURCE: GARTNER INC.

What is the PIDD?

The Petroleum Industry Data Dictionary (PIDD) facilitates the use of standardised data, and holds over 4,100 templates mapped to UNSPSC (The United Nations Standard Products and Services Code is a taxonomy of products and services)

Each template follows the recognised protocol of Noun, Modifier and attributes.

The New PIDD Application

PIDX is now offering a web based interface which allows users to provide a free text "item" description & see how it would be classified using the PIDX International Data Dictionary (PIDD).

Access sparesFinder

pidxbuilder.sparesfinder.net/Account/Authenticate?ReturnUrl=%2f



Sign up if you are a new user

Email

Company Name

Name

Phone Number

I have read and agreed to the terms in the [License Agreement](#)

Sign up

Sign in if you are an existing user

Email

Sign in



ACCESSIBLE AT: [HTTP://PIDXBUILDER.SPARESFINDER.NET](http://pidxbuilder.sparesfinder.net)

Manual Description

Welcome to the Petroleum Industry Data Dictionary (PIDD)

The Petroleum Industry Data Dictionary (PIDD) facilitates the use of standardized data and holds over 4,100 templates mapped to UNSPSC.

Each template follows the recognized protocol of Noun, Modifier and attributes.

Use the options below to create structured descriptions using the dictionary.

Step 1

What do you want to describe?



Step 2

Create your clean structured description



Rev

Provide an item description

Browse the dictionary

Item Description

thrust bearing, id 10mm, od 20mm, shields

Browse Dictionary

Step 1

What do you want to describe?



Step 2

Create your clean structured description



Step 3

Review structured ERP description

Provide an item description

Noun / Modifier

All

Contains



bearing

Classification

UNSPSC v 10.5.1

Contains



Eg. electrical, mechanical, instrumentation

Attribute Name

Contains



Eg. material, diameter, width



Noun	Modifier	
BEARING	MARINE	
BEARING	PILLOW BLOCK	
BEARING	RADIAL	
BEARING	ROD END	
BEARING	ROLLER	
BEARING	SLEEVE	
BEARING	TAKE-UP	
BEARING	THRUST	
BLOCK	BEARING	
BUSHING	BEARING	

« ‹ 1 2 3 4 › »

Browse the dictionary

Attribute Name

Entry Type

WIDTH	Open Text (0 - 10000)
TYPE	Open Text (0 - 10000)
OUTSIDE DIAMETER	Open Text (0 - 10000)
INSIDE DIAMETER	Open Text (0 - 10000)
IBI NUMBER	Open Text (0 - 10000)
CONSTRUCTION	Open Text (0 - 10000)
SEALS/SHIELDS	Open Text (0 - 10000)
MATERIAL	Open Text (0 - 10000)

Next

UNSPSC Classification

Step 1
What do you want to describe?



Step 2
Create your clean structured description



Step 3
Review structured ERP description

Provide an item description

Noun / Modifier

Classification

Attribute Name

Browse the dictionary

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171506 - Linear bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171507 - Thrust bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171508 - Rod end bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171509 - Sleeve bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171510 - Spherical bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171511 - Pillow block bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171512 - Needle bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings

31171513 - Hanger bearings

› Manufacturing Components and Supplies › Bearings and bushings and wheels and gears › Bearings



Next

Select by Noun & Modifier

Step 1

What do you want to describe?



Step 2

Create your clean structured description



Step 3

Review structured ERP description

Provide an item description

Browse the dictionary

Noun / Modifier

All

Contains



BEARING

Classification

UNSPSC v 10.5.1

Contains



31171507

Attribute Name

Contains



Eg. material, diameter, width



Noun

BEARING

Modifier

THRUST



« ‹ 1 › »

Attribute Name

Entry Type

WIDTH

Open Text (0 - 10000)

TYPE

Open Text (0 - 10000)

OUTSIDE DIAMETER

Open Text (0 - 10000)

INSIDE DIAMETER

Open Text (0 - 10000)

IBI NUMBER

Open Text (0 - 10000)

CONSTRUCTION

Open Text (0 - 10000)

SEALS/SHIELDS

Open Text (0 - 10000)

MATERIAL

Open Text (0 - 10000)

Next

Create Description

Step 1

What do you want to describe?



Step 2

Create your clean structured description



Noun Modifier

BEARING THRUST

WIDTH

TYPE

OUTSIDE DIAMETER

20 mm

INSIDE DIAMETER

10 mm

IBI NUMBER

CONSTRUCTION

SEALS/SHIELDS

2

MATERIAL

Back

Create Description

Step 1

What do you want to describe?



Step 2

Create your clean structured description

In an ERP system this would look like:

Clean Short Description

BEARING THRUST,20 MM,10 MM,2

Clean Long Description

BEARING THRUST
OUTSIDE DIAMETER: 20 MM
INSIDE DIAMETER: 10 MM
SEALS/SHIELDS: 2

Back

Download the PIDD



Step 3
Review structured ERP description

Next steps:

- 🔍 Describe another item
- 📄 Download the full PIDD dictionary
- 🔄 Return to the PIDX website

	A	B	C	D	E
	Noun	Modifier	Unique ID	Category	Code
	ABRADER		122412	SURFACE TOOLS	23131509
	ABRASIVE	BELT	113536	BEARINGS, BELTS AND SEALS	31191507
4	ABRASIVE	BLASTING	107229	MAINTENANCE, REPAIR & OPERATIONS	31191512
5	ABRASIVE	DISC	105614	MAINTENANCE, REPAIR & OPERATIONS	31191506
6	ABRASIVE	FLAPWHEEL	105779	MAINTENANCE, REPAIR & OPERATIONS	31191602
7	ABRASIVE	PAD	106232	MAINTENANCE, REPAIR & OPERATIONS	31191505
8	ABRASIVE	ROLL	106368	MAINTENANCE, REPAIR & OPERATIONS	31191516
9	ABRASIVE	SHEET	106556	MAINTENANCE, REPAIR & OPERATIONS	31191500
10	ABRASIVE	STEELWOOL	106619	MAINTENANCE, REPAIR & OPERATIONS	31191511
11	ABRASIVE	WHEEL	106737	MAINTENANCE, REPAIR & OPERATIONS	31191600
12	ABRASIVE	WIREWHEEL	106765	MAINTENANCE, REPAIR & OPERATIONS	31191521
13	ABSORBENT	GRANULAR	106033	MAINTENANCE, REPAIR & OPERATIONS	47131902
14	ABSORBER		127480	MAINTENANCE, REPAIR & OPERATIONS	
15	ABSORBER	SHOCK	122519	MECHANICAL	25172011
16	ACCESSORIES	SERVICE STATION	119170	MAINTENANCE, REPAIR & OPERATIONS	30220000

PIDX Version 5

What's Next?

THE NEW PIDD WEB APPLICATION

- [User Review at Catalog & Classification Workgroup](#)
- User acceptance testing
- Link on PIDX website
- Contact us for questions



See a real, live demonstration.

Friday, Jun 10, 8 AM

Catalog & Classification Workgroup | Right Start Room

HOSTED BY: TOM CAVE. SPARESFINDER

Thanks

Questions & Comments

WWW.SPARESFINDER.COM