

PIDX PRODUCT AND COMPANY CODES



WHAT ARE THEY? WHY ARE THEY IMPORTANT?

WHAT ARE THEY?

- Product identifiers used by Downstream Industry Partners.
 - Individual codes represent unique products used in the industry.

Code 1	Product definition 2	Description 3	Cetane/octane 4	Oxygenated/rbob type 5	Oxygenate percent % v 6	Additized 7	Rvp percentage 8	Regulatory oxy % 9	Voc 10	Fungible/segre (f/s) 11	Dyes 12	Sulphur content 13											Comments 14	
												Am	M1	M2	M4	M5	M6	M7	M8	M9	M10	M11	M12	
A20	AVIATION GASOLINE		N		Y																			100/130 LOW LEAD
A21	Unbranded Aviation Gasoline 100/LL	AVIATION GASOLINE																						AVIATION GASOLINE
A25	AVIATION GASOLINE		N		Y																			100/130 HIGH LEAD
B00	FUEL ETHANOL	ALTERNATIVE FUEL - Ed79-83	A	79-83	N	7.0-9.5		N	F	N		3	N	N	N	N	N	N	N	N	N	N	N	Ed79-83% ETHANOL/21-17% CaRFG3 CARB E85 fuel Class 2

- Company identifiers used by Downstream Industry Partners.
 - Individual codes represent unique companies in the industry.

Code	Company name	Address	City	St	Zip	Phone
01	Stonewin LLC	333 SE 2nd Ave STE 2000	Miami	FL	33131	305.301.1178
02	J. Global Energy Inc	440 Louisiana ST, STE 1818	Houston	TX	77002	281.455.3139

PRODUCT CODES - WHAT ARE THEY?

Key Product Code elements include:

- Code: One to three character alphanumeric identifier assigned by the Downstream Subcommittee.
- Product Definition: Up to 34 character alphanumeric definition of the product.
 - IE: Regular, Gas, Unleaded Regular
- Description: Up to 120 character alphanumeric description of the product.
 - IE: Conventional Carb, RBOB-Carb
- Cetane/Octane: Numeric value of cetane or octane.
- Oxygenated/RBOB Type: A single alphanumeric character indicating if the product is oxygenated and if so, with which oxygenate.
 - If the product is an RBIB, this field also describes the type of RBOB.



COMPANY CODES - WHAT ARE THEY?

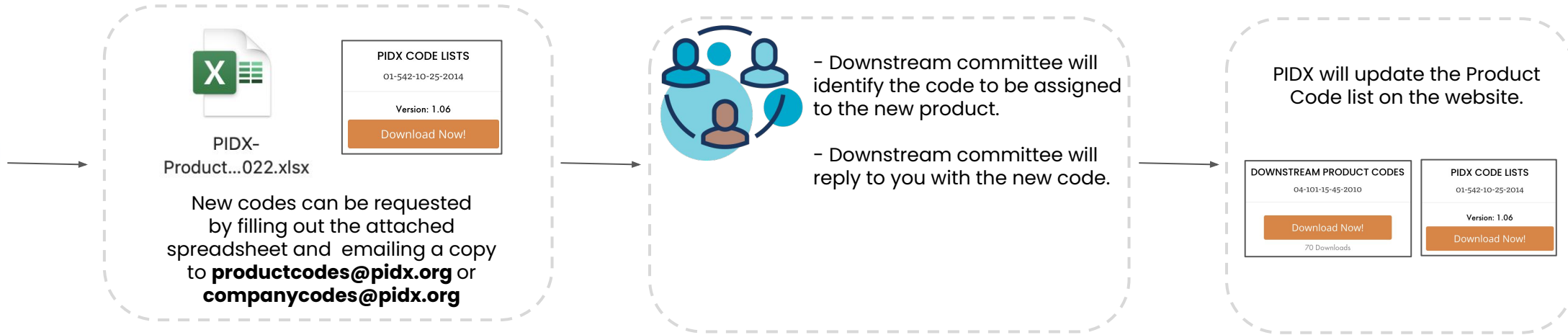
Company Code elements include:

- Code
- Company Name
- Company Address
- City
- State
- Zip/Postal Code
- Phone Number
- Contact Name
- Contact Email Address
- Date Assigned



CURRENT SOLUTION FOR REQUESTING NEW CODES

Person, who wants to add a new PIDX code



CHALLENGES

- Terminals/Suppliers are not always consistent.
 - Established codes not used for the same product across all terminals.
 - Causes confusion if a code means something different at two separate terminals.
 - Additional work for suppliers, customers and vendors to keep their back office updated.
- Terminals/Suppliers use non-established codes.
 - Terminals/suppliers create codes at their own discretion.
 - Parties using the Product Code list from PIDX are unable to locate/identify codes being transmitted.
 - Causes additional work to determine/identify what the code is and maintain it in back office systems.

SOLUTIONS

Long Term Goals:

- Build an API – driven solution for PIDX codes.
 - Existing process is manually driven.
 - API should support a single, clarified protocol for providing key data sets to terminals.

Steps to consider:

- Compare codes being used by Data Clearing Houses to the master list.
- Identify codes being used by terminals/suppliers not on the master list.
 - Determine how to handle codes missing from the master list and duplicated codes.
 - Identify a plan for handling non-standard codes.
 - Further define attributes/requirements to create a code.
 - Determine if non-standard/”bad” codes can be added to the master list.

SOLUTIONS

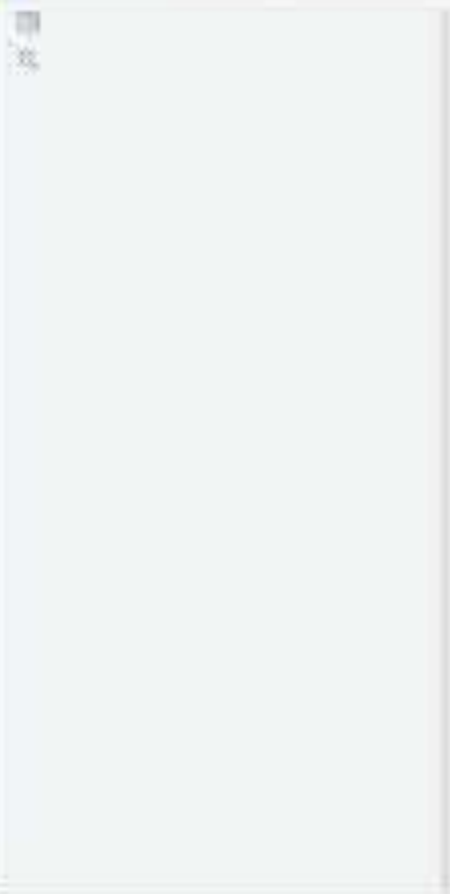
Online Request Submission:

- Partner with DocStudio to provide online solution to request codes.
 - Online form submission
 - Form reviewed for accuracy/clarity
 - Code assigned
 - New code sent to requestor
 - List updated online with new information

 DocStudio

Code Lists Automation

PIDX
INTERNATIONAL



Unit

Profile (mandatory)

Unit

Complete the following information for approval by the unit and the unit will be used for all information.

Unit

For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

Unit

For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

Unit

For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

Comments

For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

State Code

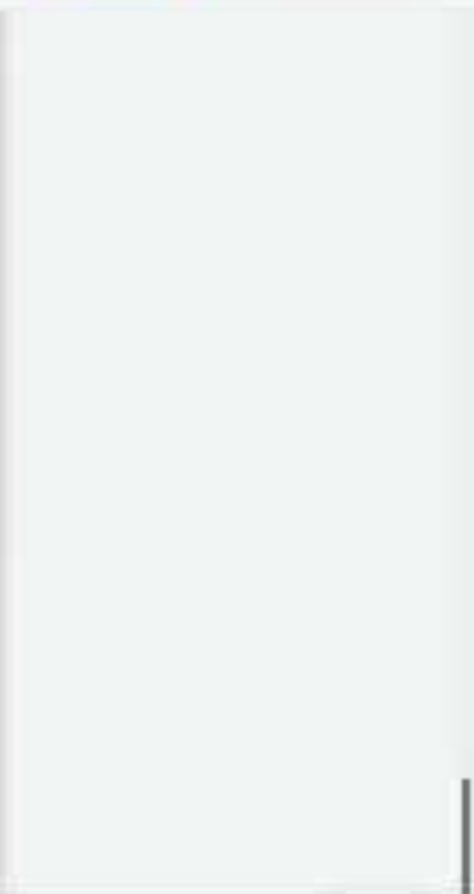
For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

Requester
 Michael J. ...
For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

Comments

For information purposes, the unit must be approved by the unit and the unit will be used for all information. The unit will be used for all information.

Date Requested
 11/11/2017



New PIDX Company Code Request Form

← 🔍

ENVELOPE DETAILS

NEW PIDX COMPANY CODE ...

Message

Please fill the form to add new PIDX codes

Processing flow 0/4

- 1 - Sender **Form applicant** 817769EF-9416-4026-84ED-997EC89F1D8D Assignee
- 2 - PIDX Robot **PIDX robot** 39E48864-E6A0-4501-8722-BBF3FCAF6E8E Assignee
- 3 - Moderator **Moderator** E791BCC8-45AA-4D43-B630-D80F7962640A Approver
- 4 - Publisher **Publisher** 838BF48F-8CE1-49F6-87B6-4C77D41D8EF5 Assignee

Your envelope will be expired in days. Notify user till days before envelope expired.

Deny delegation

New PIDX Company Code Request Form

Record UUID:

Publishing date:

New PIDX Company Codes Request Form

Code	Company Name	Address	City	State	ZIP	Phone
<input type="text" value="Code"/>	<input type="text" value="Company Name"/>	<input type="text" value="Address"/>	<input type="text" value="City"/>	<input type="text" value="State"/>	<input type="text" value="ZIP"/>	<input type="text" value="Phone"/>

NEXT

After person filled all fields, form is sent to PIDX Robot to assign record UUID

PS PIDX robot 39E4...6E8E Envelope view

Close Reject

← ENVELOPE DETAILS

NEW PIDX CODES REQUEST...

WAITING FOR YOU EXP IN A MONTH a few seconds ago

New PIDX Codes Request Form

New PIDX Codes Request Form (Option 2)

PS Form applicant 817769EF-9416-4026-84E0-997ECB9F1D8D

Message

Please fill the form to add new PIDX codes

Processing flow

1/4

- 1 - Sender Form applicant 817769EF-9416-4026-84E0-997ECB9F1D8D Assignee
- 2 - PIDX Robot PIDX robot 39E48864-E6A0-4501-8722-8BF3FCAF6E8E Assignee
- 3 - Moderator Moderator E791BBC8-45AA-4D43-8630-D80F7962640A Approver
- 4 - Publisher Publisher 838BF48F-8CE1-49F6-87B6-4C77D41D8EF5 Assignee

+ New Tag

New PIDX Codes Request Form

Record UUID: AC30AD65-9A05-4989-8E54

Publishing date: Date and time 4

Code A21
A one to three character alphanumeric product code assigned by the Downstream Subcommittee

SEND

As a next step send for moderation

PS Moderator E791...640A Mailbox New envelope PS

Inbox 2 Waiting 2 Expiring Outbox Archived Draft New Tag

Status Period Sender Template Subject, envelope UUID

<input type="checkbox"/>	Subject	Template	Stage	Status	Sender	Receive date ↓
<input type="checkbox"/>	New PIDX Codes Request Form Please fill the form to add new PIDX codes	New PIDX Codes Request Form (Option 2)	2/4 Exp in a month	WAITING FOR YOU	PS Form applicant	a few seconds ago
<input type="checkbox"/>	New PIDX Codes Request Form Please fill the form to add new PIDX codes	New PIDX Codes Request Form		COMPLETED	PS Form applicant	an hour ago
<input type="checkbox"/>	New PIDX Codes Request Form Please fill the form to add new PIDX codes	New PIDX Codes Request Form	2/4 Exp in a month	WAITING FOR YOU	PS Form applicant	an hour ago
<input type="checkbox"/>	New PIDX Codes Request Form Please fill the form to add new PIDX codes	New PIDX Codes Request Form	3/4 Exp in a month	PENDING	PS Form applicant	an hour ago
<input type="checkbox"/>	New PIDX Codes Request Form Please fill the form to add new PIDX codes	New PIDX Codes Request Form		COMPLETED	PS Form applicant	5 days ago

Go to page: Go Items per page: 20 1 - 5 of 5 < >

Moderator can either Approve or Reject the form with a comment

The screenshot shows a moderation interface for a 'New PIDX Codes Request Form'. At the top, a navigation bar includes a user profile 'Moderator' and a 'Close' button. A red box highlights the 'Approve' and 'Reject' buttons. The main content area shows the form details, a message, and a processing flow. The processing flow consists of four steps: 1 - Sender (Form applicant), 2 - PIDX Robot (PIDX robot), 3 - Moderator (Moderator), and 4 - Publisher (Publisher). The current step is 3 - Moderator. Below the flow, a preview of the form is shown, including fields for Code, Product definition, and Description.

Close **Approve** **Reject**

WAITING FOR YOU **EXP IN A MONTH** 3 minutes ago

New PIDX Codes Request Form

New PIDX Codes Request Form (Option 2)

Form applicant
817769EF-9416-4026-84E0-997ECB9F1D8D

Message

Please fill the form to add new PIDX codes

Processing flow

2/4

- 1 - Sender **Form applicant** 817769EF-9416-4026-84E0-997ECB9F1D8D Assignee
- 2 - PIDX Robot **PIDX robot** 39E4B864-E6A0-4501-8722-BBF3FCAF6E8E Assignee
- 3 - Moderator **Moderator** E791B8C9-45AA-4D43-B630-D80F7962640A Approver
- 4 - Publisher **Publisher** 83BBF48F-8CE1-49F6-87B6-4C77D41D8EF5 Assignee

New Tag

New PIDX Codes Request Form

Record UUID: AC30AD65-9A65-4989-8E54
Publishing date: Date and time 4

New PIDX Codes Request Form

Code
A21
A one to three character alphanumeric product code assigned by the Downstream Subcommittee

Product definition
Unbranded Aviation Gasoline 100/LI
Up to a 34 character alphanumeric definition of the product. Examples of acceptable values for gasolines are REGULAR GASOLINE, UNLEADED REGULAR, UNLEADED REGULAR BLEND TO UNL MIDG

Description
AVIATION GASOLINE

After successful moderation all the data published in the internal DocStudio PIDX Product Codes List Dictionary

PS Form applicant 8177...1D8D Manage dictionaries Import Export Close Mailbox Add column

PIDX Product Codes

Description: PIDX Downstream Product Codes

UUID: 30300EFA-E23F-4FBE-9D5D-980490D6B9CD

<input type="checkbox"/>	Code	Product Definition	Description	Cetane/Octane	Oxygenated / RBOB Type	Oxygenate Percent...	Additized	RVP Percentage	Regulatory OXY %	VOC	Fungible / Segre (F...	Dyes 12
1	B09	FUEL ETHANOL	ALTERNATIVE FUEL - Ed85	FUEL-Ed85	A	85	Y			N	F	N
2	B12	FUEL ETHANOL	ALTERNATIVE FUEL - Ed85	FUEL-Ed85	A	80	Y			N	F	N
3	B13	FUEL ETHANOL	ALTERNATIVE FUEL - Ed80	FUEL-Ed80	A	75	Y			N	F	N

Add row

PIDX robot update the Product Code list on the website and push the data to PIDX API

PS form applicant 8177...108D Manage dictionaries Import Export Close PS

PIDX Product Codes

Description: PIDX Downstream Product Codes
UUID: 30300EFA-E23F-4FBE-9D5D-98D490D6B9CD

<input type="checkbox"/>	Code	Product Definition	Description	Cetane/Octane	Oxygenated / RBOB Type	Oxygenate Percent...	Additized	RVP Percentage	Regulatory OXY %	VOC	Fungible / Segre (F...	Dyes 12	
<input type="checkbox"/>	1	B09	FUEL ETHANOL	ALTERNATIVE FUEL - Ed85	FUEL-Ed85	A	85	Y			N	F	N
<input type="checkbox"/>	2	B12	FUEL ETHANOL	ALTERNATIVE FUEL - Ed85	FUEL-Ed85	A	80	Y			N	F	N
<input type="checkbox"/>	3	B13	FUEL ETHANOL	ALTERNATIVE FUEL - Ed80	FUEL-Ed80	A	75	Y			N	F	N

+ Add row

Go to page: Go Items per page 20 1 - 3 of 3

DOWNSTREAM PRODUCT CODES

04-101-15-45-2010

[Download Now!](#)

70 Downloads

api.pidx.org

Standardized codes provide:

- Consistency: Product code identifies the same product for all terminals/suppliers/customers.
- Repeatability: Product code can be used across multiple terminals/suppliers to represent one product being loaded.
- Transparency/clarity of product definitions: No guessing what product was actually loaded.
- Improves business process efficiencies.
 - Fewer exceptions to be processed manually in your back office.
 - Increased productivity.
 - Reduced costs.
- Better data exchange.
 - Information passing between partners is consistent.



Q & A

Thank You!



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